TENNESSEE AGRICULTURE 1991

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ABOUT THE COVER

Tennessee has more than 12.5 million acres of forestland--about 30% of the state's total land area. Of those forestlands, hardwoods occupy 89.5% of our forest acreage and 80% of Tennessee's growing stock volume. Tennessee is definitely a hardwood state, leading the nation in hardwood production and hardwood flooring. Primary and secondary wood-using industries employ about 40,000 workers who manufacture a wide array of forest products ranging from pencils to fine veneers. Forestry contributes about $3.5 billion to Tennessee's economy each year.

The cover photo was taken by Jed DeKalb, State Media Production Services.
Artwork was provided by Bob Hinkel and Richard Martin, State Media Production Services.

A WORD FROM THE GOVERNOR

Beginning July 1, 1991, Tennessee's Division of Forestry joined TDA as part of my efforts to reorganize and restructure state government. Tennessee's forests have been a part of our state's agricultural heritage since the pioneers first built their homes from high quality Tennessee timber, and today Tennessee forests provide both recreation and valuable timber for the world. It has been through agricultural research that best management practices for our forests were developed, and in the interest of our forests' improvement, utilization and preservation, state forests and forestry programs have been officially placed with the resf of Tennessee's agricultural interests and industries.

TDA and its programs have a real and positive impact for our farmers and for Tennessee's agricultural economy -- accomplishments which can be found between these pages. I can only offer this as proof positive of the high calibre of the employees who do the work of this department and the state, as well as the outstanding farmers, businessmen, educators, researchers and many other support organizations who make up Tennessee's agricultural industry.

I know that agriculture has always been the foundation of Tennessee's traditions, values and economy. The state of Tennessee will remain committed to agriculture and to agricultural youth organizations like the FFA and 4-H. I appreciate the educational investment TDA makes to our youth through their constant support of these important programs.

Tennessee Agriculture 1991 is the state's message to the people -- the facts and figures which clearly demonstrate agriculture's impact on our economy and on our future. In the coming year, I hope that we will continue to make the necessary changes to keep Tennessee's future -- for agriculture and the entire state -- bright.

Sincerely

Ned McWherter

Ned McWherter
Governor

GOVERNOR
NED RAY McWHERTER

THE COMMISSIONER'S MESSAGE

The past year has been a time of great challenges for the Department of Agriculture, for our great state and for agriculture across the nation.

Our mission as agriculturalists has always been to feed the people— and now is the time to feed them the essential scientific information they need to make informed decisions for our country, as well. The time is right for the people of agriculture to raise our voices above the vocal and devisive groups who will tell us how to farm and how to use our private lands if we do not provide the voice of common sense for our nation.

Commissioner "Cotton" Ivy is an active, positive voice for agriculture throughout Tennessee and the nation. Above, he speaks to local farmers and media in a Tennessee tobacco warehouse.

Tennessee Agriculture 1991 provides such a voice. This annual publication is the comprehensive and statistical story of our agricultural year. Our partnership of more than 40 years with the National Agricultural Statistics Service allows us to generate far more information with less funding than either agency could produce independently. This publication offers a strong foundation of up-to-date data and historical information which may be used for individual decision making as well as for state and national policy making.

State and federal employees worked side by side to produce this document. It's a real pleasure to provide this message about Tennessee agriculture to the public and to pledge ourselves to improving agriculture's future. Knowing we enjoy the strong working relationships we have with both other agricultural agencies and with the people we serve— our farmers— makes the uncertain time which lies ahead seem a little easier.

Agriculture—it's *our* time!

Sincerely,

L.H. "Cotton" Ivy

L. H. "Cotton" Ivy

TENNESSEE AGRICULTURE

Tennessee agriculture is a complex and varied industry which benefits all Tennesseans as well as many people outside the boundaries of the state. Cash receipts to Tennessee farmers generally total $2 billion each year. The impact of these cash receipts on the state's overall economy is thought to be at least $6 billion. Add food safety and environmental issues to the financial aspects of agricultural production and the result is mind-boggling. Nevertheless, with the temperate climate and abundant water supply of the state's major geographical regions, Tennessee farmers produce a variety of food and fiber products which helps Tennessee live up to its official slogan, "America at its best."

In and around hillsides, in the shadows of mountains and among the fertile river valleys of East Tennessee, are the beef cattle, dairy farms, tobacco and vegetables so well suited to this type of terrain. Many other farming enterprises fill out this region's agricultural profile, however, which can be said of practically every area of Tennessee.

Middle Tennessee is made up of a dish-shaped basin rimmed with mountains to the east, sloping off to rolling hills westward and bordered on either side by the Tennessee River. The abundant rolling pasturelands make beef cattle and dairy operations practical choices for this region. A variety of row crops also flourish in Middle Tennessee, as does the "world's nursery capital" in Warren County.

West Tennessee is a region of lush flatland created by the Mississippi River's ancient floodplains. This region's agriculture centers around row crop operations; the state's largest production of soybeans, wheat, corn, cotton and sorghum traditionally come from this delta region. West Tennessee's famous river city, Memphis, has long been known as a major product transportation point.

Tennessee agri-industry and business thrives due to its diverse products, a strong traditional work ethic and a right-to-work environment. Tennessee is also within 500 miles of more than three-fourths of the nation's population--a good situation enhanced by a transportation system which includes seven interstate highways, two major airline hubs, more than 1,000 miles of navigable waterways and direct access to the Gulf of Mexico and nationwide rail access.

Tennessee agriculture extends far beyond its boundaries. Today, Tennessee agriculture makes an impact around the globe, and with an ongoing emphasis in research, education and high technology, Tennessee's diverse agriculture has a bright future.

THE
TENNESSEE
DEPARTMENT OF AGRICULTURE

Agriculture is a Tennessee tradition.

In 1854, the Bureau of Agriculture was organized as the very first state agency in Tennessee— eight years before the United States Department of Agriculture. The Bureau's purpose was to promote agriculture through fairs and livestock shows. The agency was discontinued during the Civil War but was reorganized in 1871 as the Bureau of Agriculture, Statistics and Mines. In 1893 the agency's name was changed to the Tennessee Department of Agriculture.

Today, TDA has as its primary purpose "the encouragement and promotion in every practical manner the interest of agriculture." Agriculture is still Tennessee's number one industry, though agriculture itself has changed dramatically since the days when nearly all Tennesseans were farmers of some sort.

Production agriculture, farm supply, product processing and distribution form the basis for Tennessee's complex agri-business industry. Tennessee products are as diverse as its landscapes— from East Tennessee tobacco to Middle Tennessee nursery stock to the cotton fields of West Tennessee.

The original Bureau of Agriculture had a staff of nine— the governor and eight others who met twice a year to transact state business. Today, TDA touches the life of every Tennessean, every day through its eight current divisions and more than 350 employees, and now joined by the Division of Forestry with a force of 400. Divisions of administration, agricultural resources, animal industries, commodity distribution, marketing, plant industries, technical services, quality and standards and now forestry provide an outstanding spectrum of services.

DIVISION
OF
ADMINISTRATION

"If TDA were a living organism," said Commissioner Ivy, "the administration division would be the head or nerve center; useless without its 'body'— the other divisions— yet essential to assimilate information sent to it, for planning to the future and for directing the actions and responses of the members."

Within the administration division the Commissioner directs his staff of the deputy commissioner, two assistant commissioners, the budget and personnel offices, the office of legal services and the information staff in a way which, according to deputy commissioner Terry Oliver, "exhibits leadership and responsiveness."

Administration has the dual role of setting policies and facilitating their implementation through other divisions. Policy development is both a formal and informal process which requires input from department employees, state and national farm organizations, regulated industries, universities and the general public.

TDA also maintains its traditional role in fair administration and livestock shows. More than 2.7 million people visit some fifty fairs held annually in Tennessee, with combined annual receipts of more than $7.3 million. Fairs and livestock shows pay more than half a million dollars to the approximate 55,000 exhibitors of agricultural products every year.

Agricultural youth organizations— the FFA and 4-H clubs— receive significant TDA support for their shows, projects and programs which offer opportunities for education and personal development. TDA administration also operates the Oscar L. Farris Agricultural Museum, which gives tourists and Tennesseans alike a look at their agricultural heritage.

Farmers Benefit from Grain Indemnity Fund in '91

Public Chapter 123 of 1991 will help protect farmers' private property rights and will guard against the loss of bottomland timber due to the creation and protection of artificial wetlands.

"The perceived need for protection which led to the establishment of the Tennessee Grain Indemnity Fund last year turned into *real* need as two grain warehouses failed, leaving more than $300,000 worth of grain unpaid for," reported Deputy Commissioner Terry Oliver. "The producers who had stored their grain in the warehouses were reimbursed for their covered losses in a timely and efficient manner. Further, the TDA legal staff in conjunction with the State Attorney Generals' office is pursuing the assets of the failed warehouses in bankruptcy court."

As evidenced by the failure of the grain warehouses, the bankruptcy of a major dairy processor and the closing of almost all livestock slaughter facilities in Tennessee, it has been a year of economic uncertainty for many Tennessee agriculturalists. "Because Tennessee's tax system cannot adequately fund our government," explained Oliver, "this uncertainty is heightened."

Assistant Commissioner David Waddell stressed that despite inadequate funding, the state's commitment to agriculture was reinforced in 1991. "Although the future of the traditional regulatory and promotional programs of this department looks insecure," said Waddell, "the 97th General Assembly took two major steps which will allow landowners and farmers to preserve their quality of life."

"Public Chapter 123 of 1991 is a step toward protecting the 5th amendment right of Americans from uncompensated taking of their property," agreed Deputy Commissioner Oliver. "This new law will allow landowners, under a general permit, to maintain the drainage of their land so that it does not become useless and less valuable. This flooded out land in Tennessee was converted by unnatural flooding to protected wetlands."

"The prior law took this land from the owner by prohibiting him from maintaining the viability of his bottomland hardwood timber, cropland and pastures. This law will not reduce the amount of true wetlands in Tennessee, but will protect valuable bottomland hardwood forests and productive farmland from unnatural flooding."

The second environmentally related law to pass this past year is Public Chapter 256 of 1991. Although it is called the "State and Local Parks and Recreation Partnership Act of 1991," this law will greatly impact TDA and Tennessee farmers and landowners.

"The primary purpose of the statute," according to Assistant Commissioner Waddell, "is to fund the acquisition of additional real estate by the state for state and local parks and wetlands through an increase in the real estate transfer tax; however, a portion of this increase has been allocated to TDA for the purpose of making cost share grants to landowners for the purpose of putting Best Management Practices in place on the land that will reduce soil erosion and non-point water pollution."

"These two major pieces of legislation are a great opportunity for TDA and Tennessee farmers," said Oliver, "to show they are the true environmentalists and that given the freedom and resources, we can protect both our environment and our standard of living."

DIVISION
OF
AGRICULTURAL RESOURCES

Farmers were the first environmentalists, aware that only the best treatment of soil and water would allow them to continue to produce abundant, high quality yields on their land.

In Tennessee, many farms have remained not only in production, but in the same family for more than 100 or even 200 years— testimony to Tennesseans' love and sense of responsibility for the lands they farm. With the help of modern technology— soil testing to determine what nutrients soils need, water and erosion management, recommended production, harvesting and marketing practices — Tennessee farmers plan for tomorrow as they produce the products citizens need today. Agricultural Resources continues to help Tennesseans protect, respect and improve their lands.

In 1979, soil erosion was stealing away Tennessee land at an alarming rate— as much as 16 tons per acre on Tennessee's five million acres of cropland. The annual erosion rate has been reduced to about nine tons per acre, with a goal of "tolerance level"— five tons or less per acre, per year.

Agricultural Resources employs 15 soil conservationists across the state and administers the cost-sharing programs which technically and financially assist landowners to establish soil conservation and water quality improvement practices on their farms. Soil conservation districts apply for the programs and provide local input and approval of individual requests for assistance.

"Under the state's Non-point Source Management Plan, division programs have been expanded to give greater attention to water quality improvement, as evidenced by a new contract between TDA and the Department of Environment and Conservation," according to Director of Agricultural Resources Jim Nance. "The contract provides federal EPA grant money for cost-sharing with farmers in this specific effort in targeted watersheds."

The division works cooperatively with the State Soil Conservation Committee to plan and implement non-point source pollution control activities and to assist Tennessee's 95 soil conservation districts with their own programs. Another Committee responsibility includes elections and appointments of SCD supervisors. Operational funds for SCDs are appropriated annually by the state legislature.

Division director Nance believes that Tennessee's agricultural community is vitally concerned about its soil and water. "That concern is reflected in the high degree of participation in TDA's cost-sharing programs," said Nance. "Further interest is expected as a new funding source passed by the legislature for best management practices comes into being."

The ongoing push to complete soil survey maps for all of Tennessee's 95 counties continued. Grants were awarded to Carter, Cumberland, Dickson, Grainger, Hickman, Jackson, Lincoln, Sequatchie, Sevier and Marshall counties.

A $480,000 grant was also allocated for 39 soil conservation districts to treat severely eroded lands. With these funds, landowners were paid 75% of the cost to undertake the necessary conservation practices to reduce erosion to acceptable levels and to improve water quality.

Dry Hydrant Program Means Lower Insurance Rates for Rural Areas

"A new undertaking," announced division director Nance, "jointly involving TDA and the Department of Economic and Community Development provides for dry hydrant installation in rural areas."

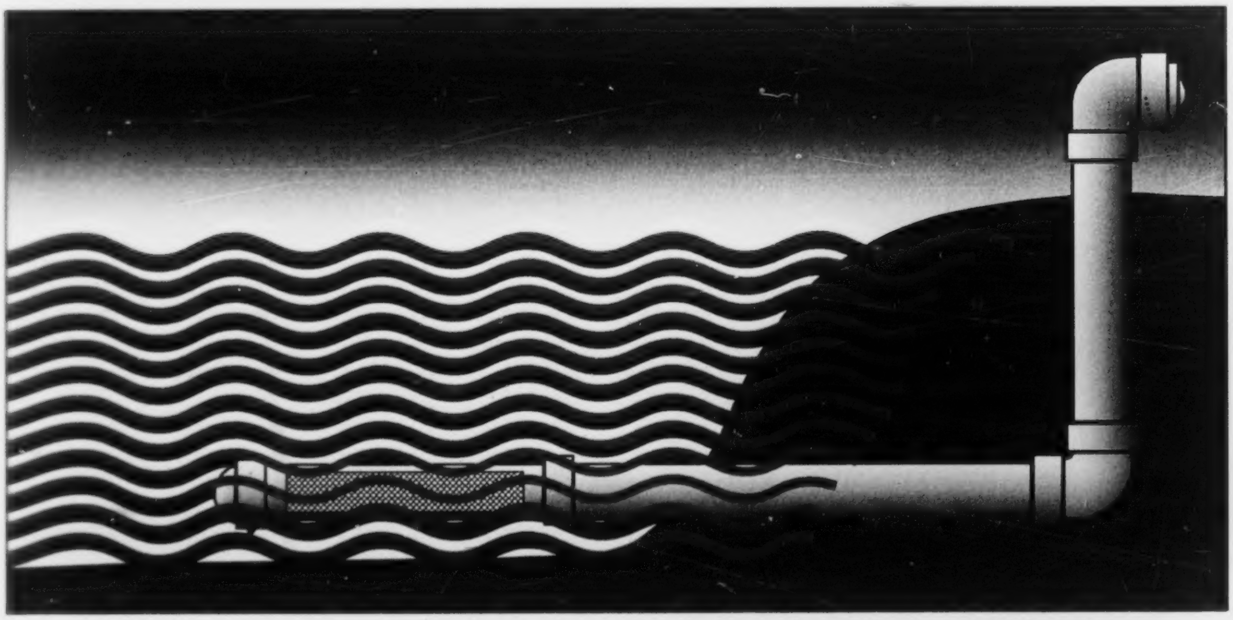
A dry hydrant is simply a PVC pipe with a suction adapter installed into an existing water source— a pond, a lake, or a stream. Why would such a simple device catch the attention of two state departments? "Rural fire departments will then have a ready source of water with which to fight fires," explained the division director. "Rural homeowners— and for TDA, that means a lot of the farmers we serve— will benefit by reduced insurance rates."

Another benefit of the device includes the provision of a water source for road maintenance; ultimately, residents of rural areas will also gain a savings in motor fuel through smoother roads.

According to Nance, $250,000 will be available statewide to financially assist counties which participate in the program. TDA's expertise will be used to locate and determine which water sources are most suitable for the hydrants. Local governments and/or local fire departments will supply the labor and equipment for installing the dry hydrants.

The estimated cost per hydrant is estimated at $500 or less. Hydrants will be installed about 3 or 4 miles apart based on a county-wide master fire protection plan.

Other agencies involved include the state's Commerce and Insurance department, Resource Conservation and Development Councils, county governments, local fire departments and private and public land owners.



A simple PVC pipe, metal coupling and a suction adapter will allow tanker trucks to access water. Thanks to the new program, rural homeowners will certainly save on insurance rates— and may save their homes, as well.

DIVISION OF ANIMAL INDUSTRIES

The Division of Animal Industries tackles twin tasks— to promote good health in and to efficiently market Tennessee livestock.

State Veterinarian and Director of the Division of Animal Industries Dr. John Ragan believes that perhaps the division's greatest challenge is maintaining a broad program of animal health and marketing services.

"The success or failure of our animal health program efforts has a great impact on interstate and international commerce in livestock and livestock products," according to Dr. Ragan. "The increasing concentration of livestock production, marketing and slaughter brings new importance to animal health, grading and marketing assistance and third party market news information."

Animal Industries acts on the behalf of the state's largest generator of agriculture commodity revenues. The division is charged to control and eradicate livestock and poultry diseases through a variety of service, regulatory, licensing and certification programs, many of which are conducted in cooperation with the USDA. More than 35,000 health certificates are processed each year in support of active livestock commerce with other states.

Quarantines, inspections, testing and high standards for importing and moving livestock help the division accomplish its duties, as well as a law enforcement team which helps monitor, inspect and take action when necessary.

The grading and marketing activities of the division help make it possible for small livestock producers to receive competitive prices through offering combined lots of animals of similar weight and grade.

Animal Industries also works with other state and federal agencies to bring accurate and detailed livestock market news to producers, dealers and buyers throughout the state on a daily basis.

Tennessee was able to maintain its validated free state status in swine brucellosis.

Prices Strong, Disease Low in '91

"Fiscal year '91 was a year to hang on and hope for better times in most areas of our work," admitted division director Dr. Ragan. "Travel and hiring freezes limited progress in essentially all areas of animal health and livestock marketing work." On a positive note, Ragan added that "Continued strong prices for most classes of livestock gave some basis for optimism."

"Fortunately, no major disease outbreaks occurred during the year," reported Ragan, "despite an active year of livestock commerce."

"The goal of zero infection in cattle brucellosis was not achieved, with the number of infected herds remaining very low, but about the same as a year ago— 4 to 6 infected herds," said Ragan. The full implementation of the CITE (Concentration Immuno-Technology) confirmatory test in the stockyard test program served to dramatically reduce the number of restricted cattle and thus the economic impact on producers and retailers. "The newly available CITE test offered a new level of specificity in diagnosis," explained Ragan, "which provided scientific and legal basis for allowing free movement of about 80% of the cattle associated with card test-positive animals in commerce."

The pseudorabies program remained primarily a market preservation effort, with only two commercial herds infected at year's end. Both of these herds were on vaccination and clean-up programs. "Our goal," said the state veterinarian, "is to move to Stage III in the national program next year as a result of newly implemented random surveillance herd monitoring."

Progress in equine infectious anemia was dramatic, with the reactor rate in 45,754 equines tested down by more than 37% in a single year. "A few more testing seasons on this curve," said Ragan, "would make EIA a truly rare disease in Tennessee horses."

Finally, "We are currently on track to become a cattle tuberculosis free state in the fall of 1991," said Ragan.

Graded sales experience was as follows: for the first half of the fiscal year beginning July, 1990, there were 507 feeder pig sales, with a total of 428,000 pigs sold with receipts totaling $20 million; 63 feeder calf sales resulted in 48,243 calves sold with receipts totaling nearly $22.5 million; and 8 yearling feeder cattle sales with 8,326 animals brought receipts totaling more than $5 million.

In the last half of the fiscal year, there were 487 feeder pig sales with 418,368 pigs sold at a total of almost $21 million; 49 feeder calf sales resulted in 44,828 calves sold for more than $21 million; and 7 yearling calf board sales, selling 7,263 cattle for receipts totaling almost $5 million.

DIVISION
OF
COMMODITY DISTRIBUTION

Through the Division of Commodity Distribution, TDA has distributed more than $250 million of USDA donated commodities— in the last 5 years alone.

Through a cooperative effort between the U.S. Department of Agriculture, this division requisitions and distributes USDA donated foods which are allocated to Tennessee. These USDA purchased commodities and surplus foods go to Tennessee's public and charitable institutions to reach eligible groups and individuals across the state.

The primary recipients of these foods are Tennessee public and private school systems which use the supplemental foods to provide students with nutritious, inexpensive meals; citizens whose income is less than 150% of poverty level guidelines; non-profit institutions which serve residents who require financial aid; state institutions which house prisoners; non-profit summer camps which provide meals; summer feeding programs— recreational programs— which serve meals; and soup kitchens which assist the homeless. Excess commodities from programs for the homeless are used to supplement food baskets for needy households.

Division director Harold Heiser said that in this federal program, "Everybody wins— the farmer, the needy citizen, and the state and local governments which would otherwise have to pick up the tab."

The programs benefit agriculture by the purchase of surplus perishable commodities to remove excess production and stabilize farm prices. The USDA commodity program is also probably the only government procurement program which can guarantee that only U.S. products are used.

The Division of Commodity Distribution also enters into processing contracts in which commodities are converted to quality processed foods— foods which usually require little preparation cost.

TDA Commodity Distribution Handles Lots More Than Government Cheese

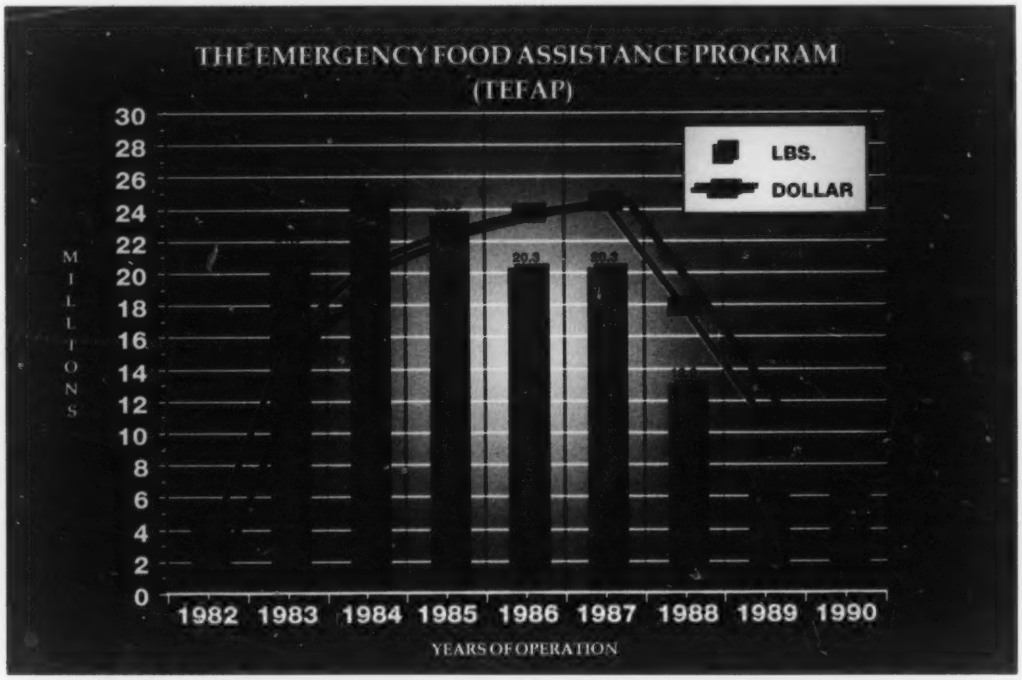
"To the uninitiated, USDA commodities equates to 'butter and cheese'," said division director Harold Heiser, "so much so, there's even a rock band called 'Government Cheese!'"

"However," Heiser explained, "the commodities distributed to Tennessee run the gamut from almond butter to tuna. Within this spectrum are dairy products, grains, fresh fruits and vegetables, meats, poultry and fish."

"Even in The Emergency Food Assistance Program (TEFAP) variety is the norm," said Heiser. During the past fiscal year, the following products were distributed throughout Tennessee to low income families: apple sauce, green beans, beans, beef, butter, cheese, cornmeal, flour, pears, pork, raisins and rice.

The USDA is commissioned to remove excess agricultural products from the market in order to stabilize farm prices, and must also purchase specific products when necessary to support those commodity prices. These twin goals provide great amounts of food products which are allocated to the states for further distribution to school cafeterias and needy citizens.

The cooperative has worked well, demonstrated by the the lower dollar amounts of surpluses coming through TDA in recent years.



Why the decrease in the surplus of commodities?

- The distribution of food through TEFAP and other domestic feeding programs has reduced some of the surpluses. In addition, the lowering of price support has brought farm production back in line with consumption.
- The much more rapid decline in dollar value is caused by the shift from high value dairy products to lesser value grain products.

DIVISION OF MARKETING

"The mission of the Division of Marketing is to identify marketing opportunities and to create innovative, responsive programs and services which enhance and expand the farm and agribusiness economies of Tennessee," said division director Joe Gaines. "To maximize marketing ventures, the marketing division is involved in strategic planning efforts."

Marketing conducts activities at practically every level of the agricultural industry to connect buyers with Tennessee producers from "pick-your-own" operations and farmers markets, through all stages of the production process, to the finished product. Division employees travel throughout the state, across the nation and internationally to bring Tennessee products to consumers and to keep abreast of market developments.

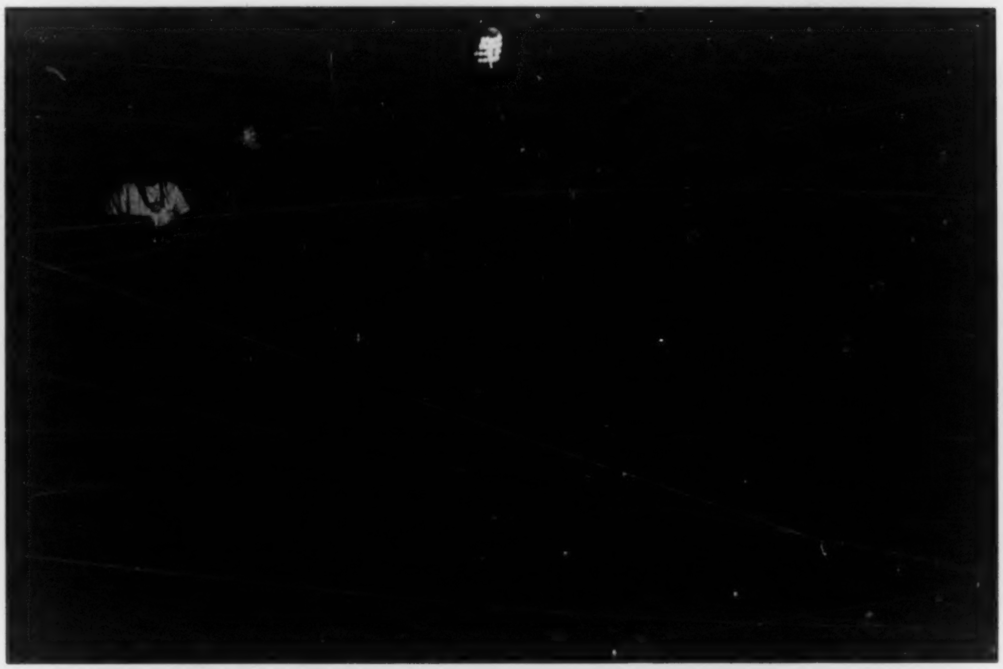
"An area of particular interest during the past year has been the state's investment in fruit and vegetable markets," reported Gaines. "More than $5 million has been awarded to communities and organizations across the state to build retail, wholesale and packing facilities." Gaines said these facilities will greatly enhance marketing opportunities for Tennessee farmers; "Markets are being developed in all areas of the state and will assist both small and large farmers."

"Livestock marketing continues to be an important component of our marketing efforts," added Gaines. Tennessee Holstein cattle continue to go to Mexico; feeder pigs are shipped all across the south and midwest; feeder cattle are promoted to feedlot operators. "In addition," said the marketing director, "cooperative undertakings with such groups as the Tennessee Pork Producers Association and the Tennessee Egg and Poultry Association help us promote value-added livestock products."

"Pick Tennessee Products," the promotional campaign developed to encourage Tennessee consumers to identify and purchase high quality Tennessee agricultural products, continues to expand. "Media campaigns are conducted throughout the state to help both media and the public understand more about agriculture's important place in the state," said Gaines, "and in their own lives." In addition, "Pick Tennessee Products" has grown to include monthly promotions which focus on a particular Tennessee product appropriate to that month.

Market news services include two toll-free 24-hour access lines with timely farm commodity information which receive more than 8,000 calls per month. Farm commodity information is also disseminated through radio stations across the state.

International services provide educational opportunities for agri-businessmen, hosting buying teams from other countries and leading sales teams on missions around the globe. "Tennessee companies are being asked to participate in the USDA/FAS (Foreign Agriculture Service) Foreign Market Promotion program in which USDA matches private dollars to market products internationally," explained Gaines.



State fruit and vegetable growers will have more outlets for their products thanks to new farmers markets being developed across Tennessee.

Farmers Markets Grow, Market Specialists On The Go In '91

"Our 'Pick Tennessee Products' program continues to grow," reported marketing director Joe Gaines. "More and more people are being made aware of the quality and availability of Tennessee products. Media events, publications, trade shows and other promotions actively increase farm income.

"We conducted an evaluation of the effectiveness of last year's marketing efforts and found that $7.60 was returned directly to Tennessee farms and agribusinesses for every dollar invested in marketing efforts," said Gaines.

The Southern United States Trade Association (SUSTA) has provided valuable services to Tennesee agriculture through development of export markets. Marketing staff have worked closely with SUSTA to recruit Tennessee firms to participate in foreign promotions. Marketing specialists have traveled to Mexico, Japan and France to market agricultural products during the past year.

"As fruit and vegetable markets are being developed through the state's grant program, services of the marketing division have changed somewhat to assist the new facilities," reported Gaines. "We have helped the new markets gain recognition as well as helped attract agri-businesses to 'set up shop' at the new locations." A farmers market professional association is currently being formed for members to share experiences and expertise.

"We continue to develop our audio/visual capabilities," said Gaines, citing that during the past two years "we have hired professional photographers to capture our state's diverse agricultural enterprises. These photos help us in our promotional programs and are particularly attractive to the media."

Finally, Gaines said that "With limitations on state dollars, the division has sought the assistance of private firms in our marketing efforts. The Tennessee Radio Network, a private statewide news service, has eagerly promoted Tennessee products wherever its service is syndicated." Gaines was happy to note that "Several grocery chains— most notably Kroger's, Seesels and Red Foods— have also joined our campaign to promote Tennessee products."

DIVISION
OF
PLANT INDUSTRIES

The work of the Division of Plant Industries falls into two broad categories: (1) the prevention, control and eradication of insect pests and plant diseases and (2) the protection of our environment from the misuse of pesticides. These areas are inseperable— one cannot be accomplished without consideration of the other.

Sylvestor Davis is director of the TDA plant industries division.

The plant certification section of Plant Industries exists because plant diseases cost Tennesseans millions each year. The Tennessee Plant Pest Act of 1955 gives TDA broad authority to inspect and certify all nursery stock, greenhouses and vegetable plants which move in commerce to ensure that they are disease and pest free. When harmful infestations are discovered, the employees of the plant industries division have the tools to deal with such problems. Their resources include quarantines, movement permits, eradication plans and civil penalties.

As part of the certification section, the survey unit keeps track of pest infestations and gives the public up-to-date evaluations. The forestry unit provides the technical expertise necessary for periodic detection surveys and evaluations of forests.

The environmental control section— the other essential component of Plant Industries— by agreement with the EPA regulates the pesticide industry in Tennessee.

This process begins with the requirement that all pesticides must be registered with the Division of Plant Industries. The chemical companies file the chemical formula and a copy of the product's label. Monitors track the products through commerce and periodically sample products to determine whether the formulations meet label specifications.

Once the chemicals are in commerce, their use is also regulated. Products are categorized in two categories: general use and restricted use. Any consumer may use a general use product on his own property; however, a person must be certified by TDA to purchase or use restricted use pesticides.

In order to use pesticides in a business or on another person's property (as with a pest control company or a lawn care company, for instance) the would-be user must first pass a difficult two-day written examination to obtain a pest control license.

Through such regulation of chemicals and of the people who use chemicals, Tennesseans reap twice the benefits— a state remarkably free of environmental and personal harm, and an abundant, wholesome and safe supply of products through the proper use of modern technology.

Regulation and Enforcement Continue in 1990

During 1990, the following regulatory and enforcement activities were performed by the pest control section of TDA: 51,642 pest control contracts; 566 routine inspections; 367 investigations; 750 charters were issued; 6 warrants were issued; 40 pilots were licensed to apply pesticides; 136 violations were committed; and 1,665 applicator's passed their examinations and were licensed.

The plant certification section issued 4,567 plant certificates which covered the production of plants by nurseries, greenhouses, sod, strawberry plant, certified sweet potato, vegetable plant and retail establishments. Another 738 special movement permits were issued for various products and materials.

The section's workload increased due to the movement of the Japanese beetle into the major nursery production area of the state. Additional inspectors were employed to insure that nursery stock movements meet certification standards for the Japanese beetle.

Fire ants continue their movement pressure from the states along the southern border of the U.S., which in turn also increased the need for inspectors. Plant Certification also took 56,470 soil samples— another duty of the section— to determine the presence of parasitic nematodes.

To date, Tennessee honeybees have had to contend with the varoa mite in five counties, while the tracheal mite has been located in 78 of Tennessee's 95 counties.

The major forest pests detected during the past year were the gypsy moth, oak wilt, inchworms, southern pine beetle, Virginia pine sawfly, loblolly pine seed orchard winter dieback and dogwood anthracnose. Control measures for anthracnose are still in the formative stages, and Tennessee recommendations are quite conservative. TDA recommends that infected trees be destroyed and that healthy trees in risk areas be sprayed.

Approximately 49,000 acres of Tennessee land is devoted to nursery industries. Sales by wholesale and retail nursery and greenhouse outlets total about $328 million; the majority of sales are to out-of-state buyers.

The pesticde monitoring unit conducted 616 inspections/investigations during 1990. In addition, 332 pesticide samples were taken for a variety of reasons including chemical verifications and suspected violations. Of the enforcement actions which were taken, 14 stop sale, use or removal orders were issued; 1 warning letter was issued; 17 other enforcement actions were taken, with 2 cases forwarded to the EPA. As the final drafts of the EPA special projects (endangered species, worker safety and groundwater) are released, the monitoring unit will work with project coordinators to establish these programs in Tennessee.

The certification unit certified both private and commercial applicators during the past year. The private applicators who were certified numbered 50,000, compared to 8,000 commercial applicators. The plant industries division also administered 453 exams, and 4,591 commercial applicators participated in the certification point system.

DIVISION
OF
QUALITY AND STANDARDS

"Quality and Standards continues to exert efforts in the field of consumer protection," reported division director Jimmy Hopper.

As an example of the effectiveness of TDA's consumer protection agency, Hopper cited that "Much progress has been realized in the quality of petroleum products offered for sale in the state. Violations drastically decreased after the implementation of the petroleum quality regulatory program.

"Since the onset of this program, some collected samples have been found in violation of state specifications; violation percentages plunged from 20% during the first month of testing to 7% within an eight week period."

Current violation rates remain fairly constant at about 5%, plus or minus a percentage point each month.

Other programs which the division administers range from anhydrous ammonia applicator safety inspections and grain moisture meters to feed, seed, fertilizer and limestone inspections and sampling.

"All grain dealers and warehouses are now required to be permitted and to meet certain financial requirements," said Hopper, "in an attempt to help prevent financial failure of a dealer or warehouseman— which could cause economic hardship on the farmers who do business with them."

The Tennessee Commodity Indemnity Fund— the fund created to provide compensation for farmers should they suffer losses through such a grain warehouse failure— is also adminstered through Quality and Standards. All assessments (1 cent per bushel on soybeans, a half cent per bushel on all other grains), refunds and indemnity payments are handled through the division.

"The weights and measures section continues to monitor the accuracy of all measuring devices used in the state to sell goods," said Hopper. Packaged products— from meat to cheese to crackers and candy— are required to disclose a net weight statement. The products are checked by Quality and Standards through random sampling to assure that accurate information is being provided to the public.

"This consumer protection agency provides a wide range of services to consumers which are taken for granted by our citizens," explained the division director. "Their attitude reflects to us that we're doing a good job; if not, there would be a significant number of complaints, and worse, illnesses."

Food Safety Scares Costly for Consumer and Farmer

"Most of the concerns of citizens about food safety results from public statements made by 'consumer advocate' groups or by celebrities acting as experts on any number of subjects," noted division director Hopper. Unfortunately for both the needlessly worried consumer and the agriculture industry, "Consumers accept non-scientific statements which create a perception that there's a problem with the quality of our food supply— where in fact none exists," said Hopper.

"Risk assessment is necessary for industry and government to use to set priorities as to where our limited resources should be placed," explained Hopper, "and consumer perceptions must of course be included in our formula of expenditures to monitor food safety."

When public concern is unwarranted, Hopper emphasized, everybody pays. "The consumer pays for much of this expense, but most of all it's the farmer who produces these products who ultimately is more severely economically affected when this non-scientific information publicized by celebrities and 'advocates' leads to a lack of demand for his products."

Quality and Standards continued to inspect, regulate and sample during the past year to protect both the farmer and consumer. "Dairy inspections on the farm level and at the plant level are even more in depth," cited Hopper. "At the plant, more thorough examinations of possible cross contamination of the finished pasteurized and the raw milk are being made."

On the dairy farm, drug storage specifications and labeling requirements are now routinely monitored by TDA dairy inspectors. "The requiremnts are intended to assist in preventing drug residue problems in our dairy products as well as in our meat products," said Hopper. "Dairy farmers have cooperated very well with TDA and are becoming more aware of the seriousness associated with the possibility of adulterating our food supply."

Dairy farms are being inspected even more carefully now to ensure product demand and safety.

"Compliance of our Retail Food Store Inspection Act has greatly increased over the last year due to the implementation of civil penalties on repeat offenders," reported director Hopper. "The retail food industry now has an incentive to adopt a daily quality control program at their facilities to keep from being issued a civil penalty, which results in better quality products offered for sale."

More than $30,000 in civil penalities have been collected from the retail food store operators in Tennessee within the last year. "Industry has accepted and understands the need for this authority," said Hopper, "and agrees that care should be taken daily to assure compliance of the laws and regulations which promote a safe and wholesome food supply."

Federal training in the area of seafood inspection is also being provided to TDA inspectors to assist in the assurance of food safety.

DIVISION
OF
TECHNICAL SERVICES

"The first year for the Division of Technical Services has been unique, enthusiastic and always challenging," according to Doug Hite, director of TDA's newest division.

"The transition to consolidated laboratories with TDA has brought about a new awareness of the need for quality analytical data to ensure that the agricultural community receives the best support available so that it can remain competitive in all markets," said Hite.

"Our mission in Technical Services is to provide quality analytical data in a safe, timely and efficient manner," explained the division director.

Technical Services is divided into two basic units: biological services, including the animal diagnostic laboratory and food microbiology; and chemical services, which is comprised of toxicology and food residue services, environmental monitoring and feed, seed and fertilizer testing.

Technical Services provides analytical support to a wide variety of TDA programs, including programs for equine infectious anemia, pseudorabies, brucellosis, dairy, pesticide control, EPA pesticide analysis testing and lime testing. "Emphasis has been placed on improving support to such animal disease programs as EIA and brucellosis testing," said Hite. "We have seen increases in testing in the brucellosis program in the range of about 5%."

"In order for us to succeed in our endeavors," said Hite of the new division, "it was critical that all employees understood the implications and responsibilities of our mission."

With that in mind, two major components of the mission statement were addressed through the development of quality assurance and safety programs, while efficiency, accountability and timeliness were approached by means of a unique time-accounting system and the definition of test deadlines. "Most of the first goals set for the division," said Hite, "were met."

Quality Assurance, Safety First Steps for New Division

"This past year, Technical Services has instituted two new programs," said division director Doug Hite; "a quality assurance program and a safety program emphasizing the quality of our analytical services and the safety of our employees— for the heart of any organization is the employees and what they accomplish through commitment, enthusiasm and creativity."

The quality assurance program is structured to provide an efficient system to upgrade the overall quality of the division's performance, to maintain a continuing assessment of the quality of data generated, to identify training needs, to evaluate instrument performance, to improve record keeping and to ensure that the laboratory work can withstand legal scrutiny.

A two-year plan for accreditation of the diagnostic lab in biological services was also developed during the past year. The benefit of national acceptance as a highly qualified diagnostic laboratory will allow for the analysis of samples from animals destined for foreign shipments and will provide additional services to TDA's clients.

Crosstraining of staff has also been an important area of emphasis in the past year— training made possible through the consolidation of all of TDA's laboratories under a single division. Crosstraining of microbiologists in the food microbiology units has resulted in "improved efficiency" according to Hite; "When the bacteriology lab is understaffed due to vacations or illnesses, the unit has been maintained at 80 to 100% productivity, resulting in critical and routine analytical support being maintained with no disruption of workflow or scheduling."

Consolidation of the toxicology and food residue units into one section has "resulted in cooperation and cross-training of chemists," reported the director. "This has improved analytical capabilities in the analysis of mycotoxins, allowing an increased number of mycotoxins to be analyzed and the sharing of instrumentation." Sharing instruments saved a cost of about $20,000, estimated Hite. Overall centralization of an instrumentation lab has allowed employees to share equipment and expertise, saving another estimated $100,000.

A Technical Services virologist examines and identifies a virus using an electron microscope.

The use of a new photodiode array detector in the food residue unit increased productivity and improved the identification of toxins. Use of autosamplers— a newer testing technology — increased productivity and efficiency in Environmental and Food Residue by 25%.

"The past year has seen a 300% increase of dairy samples due to consolidation of the workload from the Health and Environment labs," said Hite, "but through reorganization, shifting of priorities and the commitment of division employees, the challenge has been met."

Campbell Ridley, Jr., discusses his milo crop with Ron Brantner. Mr. Ridley and his father operate Ridley Farms in Maury County. Production includes beef cattle, soybeans, burley tobacco, wheat, hay and milo.

The diversity of Tennessee agriculture is readily apparent whether you're traveling along our roads and highways or thumbing through this annual statistical summary. The cooperative spirit of Tennessee farmers and non-farmers is also notable, even to the most casual observer. The business of agriculture in Tennessee is large and varied, but it retains the down home, country charm of the people who live and work on the 89,000 farms which made up the industry in 1990.

Farmers, from the flat delta cotton land in West Tennessee to the steep mountain tobacco land in East Tennessee, voluntarily responded to numerous mailed, telephone or personal interviews to contribute data for this publication. We sincerely appreciate their time and effort.

We thank you the reader for making use of this publication provided to you by Tennessee taxpayers. Our goal is to present the information in a manner which is instructive and appropriate for potential decision-makers. We are proud of this publication and hope you find it useful. Please let us know if there are ways we can better serve your statistical needs.

Ron Brantner

Ron Brantner
State Statistician

TENNESSEE AGRICULTURAL STATISTICS

1991

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TENNESSEE
DEPARTMENT OF AGRICULTURE

L. H. "COTTON" IVY, COMMISSIONER

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State Summary

TENNESSEE FARM LAND

The number of farms in Tennessee declined in 1990 after remaining steady for three consecutive years. Farms with gross value of sales of $1,000 to $9,999 totaled 67,000 and represented three-fourths of Tennessee's farms. Those in the $10,000 plus category numbered 22,000. These largest 25 percent of the farms, however, account for over half the state's farmland. Total Tennessee land in farms amounted to 12.4 million of which 5.2 million fell in the $1,000 to $9,999 group and 7.2 million in the $10,000 + size.

NUMBER OF FARMS: SELECTED STATES, 1984-1990[1]

State	1984	1985	1986	1987	1988	1989	1990
				Number			
Alabama	53,000	52,000	51,000	49,000	48,000	47,000	47,000
Florida	40,000	39,000	39,000	40,000	41,000	41,000	41,000
Georgia	51,000	50,000	49,000	48,000	49,000	48,000	49,000
Kentucky	101,000	100,000	99,000	99,000	97,000	95,000	93,000
Mississippi	50,000	48,000	46,000	44,000	42,000	41,000	40,000
North Carolina	79,000	76,000	73,000	70,000	68,000	65,000	62,000
South Carolina	28,000	27,500	27,000	26,000	26,000	25,500	24,500
Tennessee	**95,000**	**95,000**	**92,000**	**91,000**	**91,000**	**91,000**	**89,000**
United States	2,333,810	2,292,530	2,249,820	2,212,960	2,197,140	2,170,520	2,143,150

[1] A farm is a place as of June 1 that sells or could sell $1,000 of agricultural products during the year.

LAND IN FARMS: SELECTED STATES, 1984-1990[1]

State	1984	1985	1986	1987	1988	1989	1990	Average Size Farm
				1,000 Acres				
Alabama	11,400	11,200	11,000	10,700	10,600	10,600	10,300	219
Florida	12,400	12,100	11,900	11,700	11,500	11,200	10,900	266
Georgia	13,500	13,500	13,300	13,000	13,000	12,600	12,500	255
Kentucky	14,500	14,500	14,500	14,400	14,300	14,200	14,100	152
Mississippi	14,200	14,100	14,000	13,800	13,500	13,300	13,000	325
North Carolina	11,000	10,800	10,800	10,500	10,300	10,000	9,700	156
South Carolina	5,600	5,500	5,400	5,300	5,300	5,300	5,200	212
Tennessee	**13,400**	**13,400**	**13,000**	**12,600**	**12,600**	**12,600**	**12,400**	139
United States	1,017,803	1,012,073	1,005,333	998,923	994,543	991,153	987,721	461

[1] A farm is a place as of June 1 that sells or could sell $1,000 of agricultural products during the year.

NUMBER AND LAND IN FARMS BY SALES CATEGORY, 1987-1990[1]

Year	Farms			Land In Farms		
	$1,000 - $9,999	$10,000+	Total	$1,000 - $9,999	$10,000+	Total
		Number			1,000 Acres	
1987	69,000	22,000	91,000	5,400	7,200	12,600
1988	68,000	23,000	91,000	5,400	7,200	12,600
1989	68,000	23,000	91,000	5,400	7,200	12,600
1990	67,000	22,000	89,000	5,200	7,200	12,400

[1] A farm is a place as of June 1 that sells or could sell $1,000 of agricultural products during a year.

FARM GROSS INCOME, EXPENSES, AND NET INCOME: TENNESSEE, 1985-89[1]

Item	1985	1986	1987	1988	1989
			Million Dollars		
Agricultural Cash Receipts	1,987.1	1,826.3	1,948.4	1,932.7	**1,920.6**
Government Payments	61.7	98.4	156.7	140.4	**141.0**
Non-Cash Income[2]	184.6	160.4	169.5	171.0	**166.4**
Other Farm Cash Income[3]	96.6	100.3	122.9	141.2	**145.1**
Net Inventory Adjustment[4]	-44.6	-148.8	-65.8	40.4	**55.3**
Gross Farm Income[5]	2,285.4	2,036.6	2,331.7	2,425.7	**2,428.4**
Production Expenses[5]	2,018.1	1,905.5	1,948.8	1,935.8	**1,998.6**
Net Farm Income	267.2	131.6	382.9	489.9	**429.8**

[1] Contains revised data for many components for 1985 forward. The majority of the revisions are due to the incorporation of the newly released "1987 Census of Agriculture" data.

[2] Includes the rental value of housing provided by farm dwellings and the value of farm products consumed directly in farm households.

[3] Includes cash income from machine hire, custom work, other farm business-related income, forest product sales and custom feeding services. 4/

[4] The estimated physical change in livestock and crops owned by farmers, valued at average prices prevailing during the year.

[5] Includes operator households. New computational procedures and data sources are used in deriving the gross rental income and expenses related to farm dwellings.

Source: "Economic Indicators of the Farm Sector," State Financial Summary, 1989, USDA, Economic Research Service, February 1991.

FARM PRODUCTION EXPENSES: TENNESSEE, 1985-89[1]

Item	1985	1986	1987	1988	1989
			Million Dollars		
Feed	222.5	226.7	224.5	243.5	**265.0**
Livestock & Poultry	114.2	135.2	183.6	127.3	**56.0**
Fertlizer & Lime	132.6	120.5	114.3	120.0	**133.8**
Pesticides	55.8	54.8	56.3	55.4	**71.3**
Fuel and Oil	85.8	70.2	65.0	64.3	**70.3**
Electricity	17.7	16.9	20.4	21.1	**19.8**
Repair and Maintenance	175.4	173.6	182.1	183.6	**212.0**
Other Operations[2]	207.3	194.4	214.3	208.1	**220.4**
Interest - Real Estate	137.4	127.0	111.4	114.3	**112.6**
- Nonreal Estate	120.2	111.5	107.0	101.5	**105.7**
Labor Expenses[3]	120.4	121.3	132.5	137.2	**145.3**
Net Rent to Nonoperator Landlords	83.3	55.1	69.3	83.1	**80.1**
Capital Consumption	448.3	397.8	359.0	365.8	**386.3**
Property Taxes	54.8	56.2	62.7	64.2	**66.9**
Total Production Expenses	2,018.1	1,905.5	1,948.8	1,935.8	**1,998.6**

[1] Includes operator households.

[2] Includes machine hire and custom work expenses; marketing, storage, and transportation expenses; and miscellaneous expenses.

[3] Includes contract labor expenses, hired labor wages, perquisites, and Social Security payments.

Source: "Economic Indicators of the Farm Sector," State Financial Summary, 1989, USDA, Economic Research Service, February 1991.

CASH RECEIPTS FROM FARM MARKETINGS: BY COMMODITIES, TENNESSEE, 1984-1989 1/

Commodity	Cash Receipts 1984	1985	1986	1987	1988	1989	% of Total	% of 1988
	1,000 Dollars							
Crops	1,009,510	987,075	788,580	841,016	869,560	863,073	44.4	99
Soybeans	263,380	261,146	166,950	180,383	224,160	176,007	9.0	79
Tobacco	253,069	221,630	150,163	129,258	136,456	147,509	7.6	108
Cotton,Lint	90,408	100,164	104,095	183,086	132,455	151,216	7.8	114
Cottonseed	11,805	8,296	10,668	17,619	25,417	16,613	0.8	65
Corn	77,448	124,555	81,460	59,992	49,897	70,530	3.6	141
Wheat	61,420	25,535	21,544	29,201	61,527	67,648	3.5	110
Grain Sorghum	21,281	42,698	22,682	7,364	3,904	3,841	0.2	98
Hay	11,029	13,493	24,216	28,032	22,991	26,243	1.4	114
Tomatoes, Fresh Market	19,320	23,940	21,000	16,146	19,656	12,600	0.7	64
Potatoes	2,200	2,166	1,461	958	491	612	2/	125
Snap Beans, Processing	2,313	2,284	1,508	2,106	1,764	2,184	0.1	124
Sweetpotatoes	1,003	958	1,118	1,253	1,205	1,037	0.1	86
Apples	1,845	1,360	1,572	1,820	1,715	1,480	0.1	86
Peaches	1,890	0	888	865	2,673	443	2/	17
Other Fruits & Vegetables	33,732	29,794	31,951	30,296	31,643	25,086	1.3	79
Greenhouse & Nursery	139,516	109,324	123,170	126,894	126,551	128,944	6.6	102
All Other Crops	17,851	19,732	24,134	25,743	27,055	31,080	1.6	115
Livestock and Products	1,056,096	999,983	1,037,710	1,106,667	1,055,748	1,082,438	55.6	103
Cattle and Calves	477,099	425,838	435,028	557,032	504,832	451,524	23.2	89
Dairy Products	275,856	281,851	274,596	273,076	266,100	285,316	14.7	107
Hogs	147,137	158,461	169,417	134,005	131,867	159,393	8.2	121
Broilers	88,970	79,940	105,840	95,855	113,274	145,177	7.5	128
Eggs	44,020	35,721	33,758	25,683	20,393	21,557	1.1	106
Honey	3/	3/	899	1,733	1,050	463	2/	44
Sheep and Lambs	221	219	222	472	357	445	2/	125
Wool	30	30	40	42	61	58	2/	95
Catfish	3/	3/	3/	1,159	636	327	2/	51
All Other Livestock	22,763	17,923	17,910	17,610	17,178	18,178	0.9	106
All Commodities	2,065,606	1,987,058	1,826,290	1,947,683	1,925,308	1,945,511	100.0	101

1/ All data are preliminary and subject to revision in November 1991. 2/ Less than 0.1 percent. 3/ Not available.

CASH INCOME FROM FARMING: TENNESSEE, 1985-89 1/

Item	1985	1986	1987	1988	1989
			Million Dollars		
Cash Income	2,145.4	2,025.0	2,228.1	2,214.3	**2,206.7**
Farm Marketings	1,987.1	1,826.3	1,948.4	1,932.7	**1,920.6**
Crops	987.1	788.6	841.7	877.0	**860.6**
Livestock and Products	1,000.0	1,037.7	1,106.7	1,055.7	**1,059.9**
Government Payments	61.7	98.4	156.7	140.4	**141.0**
Other Farm Cash Income 2/	96.6	100.3	122.9	141.2	**145.1**
Cash Expenses	1,525.3	1,470.4	1,546.2	1,524.7	**1,575.0**
Interest	246.5	229.8	208.1	204.4	**209.2**
Labor 3/	114.1	115.9	126.0	130.9	**139.6**
Net Rent-Nonoperator Landlords	83.3	55.1	69.3	83.1	**80.1**
Property Taxes	48.3	50.6	56.2	57.8	**61.7**
All other production inputs	1,033.1	1,019.0	1,086.6	1,048.6	**1,084.3**
Net Cash Income	620.1	554.7	681.8	689.6	**631.7**

1/ Excludes operator households. 2/ Includes cash income from machine hire, custom work, forest product sales, custom feeding services, and other farm business-related income. 3/ Includes contract labor expenses, hired labor wages, perquisites, and Social Security payments.
Source: "Economic Indicators of the Farm Sector," State Financial Summary, 1989, USDA, Economic Research Service, February 1991.

GOVERNMENT PAYMENTS: BY PROGRAM, TENNESSEE, 1985-89 1/

Item	1985	1986	1987	1988	1989
			1,000 Dollars		
Feed Grain	6,316	23,279	47,385	43,922	**18,730**
Wheat	9,354	16,188	16,326	13,098	**3,405**
Rice	38	40	27	40	**69**
Cotton	30,265	34,112	38,556	28,646	**40,826**
Wool Act	38	52	71	45	**18**
Conservation 2/	4,400	7,829	28,339	24,989	**26,178**
Miscellaneous 3/	11,328	16,931	26,041	29,648	**51,823**
Total	61,739	98,431	156,745	140,388	**141,049**

1/ Includes both cash payments and payment-in-kind (PIK). 2/ Includes amount paid under agriculture and conservation programs (Conservation Bonus, Conservation Reserve, Agriculture Conservation, Emergency Conservation, and Great Plains Program). 3/ The programs included are: Rural Clean Water, Clean Lakes, Animal Waste Management, Forest Incentive, Water Bank, Milk Indemnity, Dairy Termination, Emergency Feed, Extended Warehouse Storage, Extended Farm Storage, Milk Diversion, Disaster Program Crops, Disaster Program Non-Crops, Colorado River Salinity, Warehouse Storage Deduction, Livestock Emergency Assistance, Interest Penalty Payments, Disaster, and Loan Deficiency.
Source: "Economic Indicators of the Farm Sector," State Financial Summary, 1989, USDA, Economic Research Service, February, 1991.

FARM REAL ESTATE DEBT: Amount Outstanding by Lender, Tennessee, December 31, 1985-1989[1]

Lender	1985	1986	1987	1988	1989
			Million Dollars		
Farm Credit System[2]	521	407	332	325	320
Farmers Home Administration	318	309	299	283	261
Life Insurance Companies	58	52	50	56	45
All Operating Banks	343	368	397	390	408
Individuals and Others	265	234	201	175	166
CCC Storage and Drying Loans	4	2	1	0	0
Total	1,509	1,372	1,280	1,230	1,200

[1] Includes operator households.
[2] Federal Land Banks debt prior to 1988.
Source: "Economic Indicators of the Farm Sector," State Financial Summary, 1989, USDA, Economic Research Service, February 1991.

FARM NONREAL ESTATE DEBT: Amount Outstanding By Lender, Tennessee, December 31, 1985-1989[1]

Lender	1985	1986	1987	1988	1989
			Million Dollars		
All Operating Banks	324	281	242	247	227
Farm Credit System[2]	272	225	193	189	218
Farmers Home Administration	416	399	388	363	317
Individuals and Others	73	182	176	189	197
Total[3]	1,085	1,087	999	988	960
CCC Crop Loans	126	158	105	105	50
Total	1,211	1,245	1,104	1,093	1,009

[1] Includes operator households. [2] Prior to 1988, Farm Credit System loans were reported separately for Production Credit Association and Federal Intermediate Credit Bank loans made through other financial institutions. [3] Totals may not add due to rounding.
Source: "Economic Indicators of the Farm Sector," State Financial Summary, 1989, USDA, Economic Research Service, February 1991.

FARM BALANCE SHEET: Tennessee, December 31, 1985-1989[1]

Item	1985	1986	1987	1988	1989
			Million Dollars		
Total Farm Assets	17,608.3	17,297.8	18,292.2	18,882.7	19,630.8
Real Estate	12,534.2	12,164.5	12,612.6	12,864.9	13,255.2
Livestock and Poultry	872.3	881.0	1,128.1	1,254.4	1,303.7
Machinery and Motor Vehicles	1,947.8	1,914.8	1,929.5	1,969.6	2,052.2
Crops[2]	328.0	244.7	285.3	291.1	386.7
Purchased Inputs	14.8	23.7	31.7	33.2	30.7
Household Equipment & Furnishings	593.1	607.6	696.3	782.8	875.3
Investments in Cooperatives	509.6	524.1	603.0	627.2	672.2
Other Financial	808.5	937.4	1,005.7	1,059.6	1,054.7
Total Farm Debt	2,594.0	2,458.7	2,278.7	2,217.5	2,159.8
Real Estate Debt[3]	1,508.6	1,371.5	1,279.9	1,230.0	1,200.0
Nonreal Estate Debt[4]	1,085.5	1,087.2	998.8	987.5	959.8
Equity	15,014.2	14,839.1	16,013.5	16,665.2	17,471.1
			Percent		
Ratios					
Equity/Assets	85.3	85.8	87.5	88.3	89.0
Debt/Equity	17.3	16.6	14.2	13.3	12.4
Debt/Assets	14.7	14.2	12.5	11.7	11.0

[1] Includes operator households. Data are for farms with sales of $1000 or more annually. [2] All crops held on farms including value above loan rates for crops held under CCC. [3] Includes CCC storage and drying facilities loans. [4] Includes debt owed to both institutional lenders and noninstitutional lenders. These crops are included as assets.
Source: "Economic Indicators of the Farm Sector," State Financial Summary, 1989, USDA, Economic Research Service, February 1991.

FARM REAL ESTATE: TENNESSEE, 1980-1991

Year	Value of Land and Buildings			Gross Cash Rent Per Acre		
	Average Per Acre	Average Per Farm	Total	Farms	Cropland	Pasture
	Dollars		Million Dollars		Dollars	
1980	976	138,300	13,274	41.00	51.00	NA
1981	1,070	152,100	14,445	43.80	50.90	NA
1982	1,040	146,700	13,936	45.00	54.60	NA
1983	1,014	143,000	13,588	40.50	47.90	NA
1984	1,024	144,402	13,718	44.20	50.70	NA
1985	944	133,159	12,650	35.40	45.80	23.50
1986	935	132,174	12,160	41.20	47.40	23.60
1987	936	129,563	11,790	34.90	39.90	21.60
1988	1,001	138,600	12,613	34.70	46.60	22.70
1989[1]	1,002	138,738	12,625	39.10	46.80	26.40
1990[1]	996	138,769	12,350	37.40	46.00	26.90
1991[2]	**988**	**137,654**	**12,251**	**37.30**	**51.20**	**25.20**

[1] Revised.

[2] Preliminary.

NA - Not Available.

Source: "Agricultural Resources Situation and Outlook Report," USDA, Economic Research Service, June 1991.

REAL ESTATE TAXES: TAXES LEVIED ON FARM REAL ESTATE, TENNESSEE, 1980-1990

Year	Total	Average Per Acre	Average Taxes Per $100 of Full Value
	Million Dollars	Dollars	Dollars
1980[1]	40.6	3.22	.34
1981[1]	41.9	3.35	.33
1982[1]	41.9	3.39	.36
1983[1]	43.6	3.52	.36
1984[1]	44.5	3.60	.36
1985[1]	46.0	3.72	.40
1986[1]	45.9	3.84	.41
1987	46.1	3.97	.42
1988	47.1	4.06	.41
1989	46.2	3.98	.40
1990[2]	---	---	---

[1] Data for 1980-86 have been revised to reflect the changes in land in farms and land values from the *1987 Census of Agriculture*.

[2] Data available September I, 1991.

Source: "Agricultural Resources Situation and Outlook Report," USDA, Economic Research Service, June 1991.

INDEX OF PRICES RECEIVED BY TENNESSEE FARMERS, 1981-90
1977 = 100

ALL CROPS INDEX
Annual

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
1981	130	130	126	124	125	123	122	118	111	108	109	110	120
1982	111	112	112	114	114	113	111	107	104	103	106	106	109
1983	105	108	109	114	114	114	118	131	134	131	132	130	120
1984	128	121	130	133	135	134	124	122	119	114	112	111	124
1985	124	111	112	112	111	111	108	104	101	100	97	99	108
1986	100	99	100	100	101	100	97	95	90	91	92	92	96
1987	90	90	91	92	95	97	96	95	95	96	99	103	95
1988	101	101	104	107	112	120	126	122	121	117	117	119	114
1989	120	119	121	118	118	116	114	110	105	108	109	109	114
1990	**112**	**115**	**107**	**114**	**115**	**114**	**114**	**113**	**112**	**114**	**109**	**110**	**112**

ALL LIVESTOCK INDEX
Annual

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
1981	147	149	145	148	143	145	141	144	146	142	138	135	144
1982	138	143	143	145	146	144	145	147	144	141	141	139	143
1983	145	151	150	148	146	144	140	137	136	136	136	140	142
1984	144	148	149	147	142	142	145	142	140	137	142	143	143
1985	145	144	143	143	140	139	132	133	133	134	137	134	138
1986	135	135	135	129	129	133	140	145	147	144	142	143	138
1987	146	149	150	154	152	159	159	163	163	157	152	151	155
1988	154	158	160	155	157	147	148	158	156	160	156	161	156
1989	166	165	165	157	155	163	162	170	168	170	172	173	166
1990	**177**	**178**	**178**	**178**	**184**	**180**	**185**	**184**	**184**	**177**	**172**	**176**	**179**

ALL FARM PRODUCTS INDEX
Annual

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
1981	139	140	135	136	134	135	132	132	129	126	124	123	132
1982	125	128	128	130	131	129	129	128	125	123	124	123	127
1983	126	130	130	132	131	130	130	134	135	134	134	135	132
1984	136	135	140	140	139	136	133	132	130	126	128	128	134
1985	128	128	128	129	126	125	121	119	118	118	118	117	123
1986	118	118	118	115	115	117	119	121	119	118	118	119	118
1987	119	121	122	124	125	129	129	131	131	128	127	128	126
1988	129	131	133	132	136	135	138	141	139	139	138	141	136
1989	144	143	144	138	137	140	139	141	138	140	142	143	141
1990	**146**	**148**	**144**	**147**	**151**	**148**	**151**	**150**	**146**	**146**	**142**	**145**	**147**

STATES RANKING AND PRODUCTION OF FIELD CROPS 1990

Soybeans

Rank	State	Production (1,000 Bushels)
1	ILLINOIS	354,900
2	IOWA	323,900
3	MINNESOTA	179,400
4	INDIANA	171,380
5	OHIO	135,720
6	MISSOURI	124,500
7	ARKANSAS	90,450
8	NEBRASKA	81,420
9	SOUTH DAKOTA	53,760
10	KANSAS	46,800
11	MICHIGAN	43,320
12	LOUISIANA	42,000
13	MISSISSIPPI	39,900
14	KENTUCKY	39,040
15	**TENNESSEE**	**33,750**
16	NORTH CAROLINA	32,400
17	MARYLAND	17,820
18	WISCONSIN	17,630
19	VIRGINIA	16,800
20	SOUTH CAROLINA	13,875
21	NORTH DAKOTA	12,870
22	PENNSYLVANIA	11,275
23	GEORGIA	9,800
24	ALABAMA	7,480
25	DELAWARE	6,766
26	TEXAS	5,000
27	OKLAHOMA	4,410
28	NEW JERSEY	3,996
29	FLORIDA	1,425

Tobacco

Rank	State	Production (1,000 Pounds)
1	NORTH CAROLINA	639,639
2	KENTUCKY	442,253
3	**TENNESSEE**	**112,218**
4	VIRGINIA	110,269
5	SOUTH CAROLINA	109,905
6	GEORGIA	103,845
7	PENNSYLVANIA	19,780
8	FLORIDA	19,044
9	OHIO	18,915
10	WISCONSIN	13,723
11	INDIANA	13,440
12	MARYLAND	9,443
13	MISSOURI	5,928
14	CONNECTICUT	3,007
15	WEST VIRGINIA	2,720
16	MASSACHUSETTS	805

Winter Wheat

Rank	State	Production (1,000 Bushels)
1	KANSAS	472,000
2	OKLAHOMA	201,600
3	WASHINGTON	138,600
4	TEXAS	130,200
5	ILLINOIS	91,200
6	MONTANA	87,500
7	NEBRASKA	85,500
8	COLORADO	84,150
9	OHIO	79,650
10	MISSOURI	76,000
11	IDAHO	69,000
12	SOUTH DAKOTA	57,600
13	OREGON	54,600
14	INDIANA	50,440
15	ARKANSAS	49,000
16	CALIFORNIA	42,560
17	MICHIGAN	41,250
18	NORTH CAROLINA	22,550
19	GEORGIA	20,650
20	KENTUCKY	20,000
21	**TENNESSEE**	**17,640**
22	MISSISSIPPI	15,600
23	SOUTH CAROLINA	14,440
24	LOUISIANA	12,870
25	VIRGINIA	12,220
26	PENNSYLVANIA	10,500
27	MARYLAND	9,880
28	WISCONSIN	9,805
29	NEW MEXICO	8,125
30	NEW YORK	7,105
31	ALABAMA	6,650
32	UTAH	6,000
33	WYOMING	5,945
34	ARIZONA	5,130
35	NORTH DAKOTA	4,320
36	IOWA	3,375
37	DELAWARE	3,060
38	MINNESOTA	2,550
39	FLORIDA	1,815
40	NEW JERSEY	1,247
41	WEST VIRGINIA	552
42	NEVADA	420

STATES RANKING AND PRODUCTION OF FIELD CROPS 1990

Corn For Grain

Rank	State	Production (1,000 Bushels)
1	IOWA	1,562,400
2	ILLINOIS	1,320,800
3	NEBRASKA	934,400
4	MINNESOTA	762,600
5	INDIANA	703,050
6	OHIO	417,450
7	WISCONSIN	354,000
8	MICHIGAN	238,050
9	SOUTH DAKOTA	234,000
10	MISSOURI	205,800
11	KANSAS	188,500
12	TEXAS	130,500
13	COLORADO	128,650
14	KENTUCKY	120,000
15	PENNSYLVANIA	109,610
16	NORTH CAROLINA	72,760
17	NEW YORK	60,760
18	MARYLAND	53,100
19	**TENNESSEE**	**43,860**
20	GEORGIA	37,400
21	NORTH DAKOTA	36,800
22	VIRGINIA	36,500
23	CALIFORNIA	25,600
24	LOUISIANA	21,576
25	DELAWARE	19,780
26	SOUTH CAROLINA	14,400
27	WASHINGTON	14,000
28	ALABAMA	13,920
29	MISSISSIPPI	11,200
30	OKLAHOMA	10,032
31	NEW JERSEY	8,850
32	NEW MEXICO	7,975
33	ARKANSAS	6,935
34	WYOMING	6,000
35	FLORIDA	5,325
36	WEST VIRGINIA	5,250
37	IDAHO	3,900
38	OREGON	2,700
39	UTAH	2,660
40	ARIZONA	1,120
41	MONTANA	855

Cotton

Rank	State	Production (1,000 Bales[1])
1	TEXAS	4,965.0
2	CALIFORNIA	2,734.0
3	MISSISSIPPI	1,850.0
4	LOUISIANA	1,177.0
5	ARKANSAS	1,081.0
6	ARIZONA	805.0
7	**TENNESSEE**	**495.0**
8	GEORGIA	405.0
9	OKLAHOMA	382.0
10	ALABAMA	375.0
11	MISSOURI	314.0
12	NORTH CAROLINA	263.0
13	SOUTH CAROLINA	145.0
14	NEW MEXICO	95.0
15	FLORIDA	48.0
16	VIRGINIA	6.2
17	KANSAS	0.7

Sorghum For Grain

Rank	State	Production (1,000 Bushels)
1	KANSAS	184,800
2	TEXAS	135,200
3	NEBRASKA	107,800
4	MISSOURI	42,640
5	ARKANSAS	18,150
6	OKLAHOMA	15,400
7	ILLINOIS	14,625
8	SOUTH DAKOTA	14,300
9	COLORADO	10,340
10	LOUISIANA	8,320
11	MISSISSIPPI	5,525
12	**TENNESSEE**	**4,235**
13	NEW MEXICO	3,250
14	KENTUCKY	2,604
15	NORTH CAROLINA	1,840
16	GEORGIA	1,200
17	ALABAMA	990
18	SOUTH CAROLINA	264

[1] Production is in 480 pound net weight bales.

STATE RANKING AND NUMBERS OF LIVESTOCK, JANUARY 1, 1991

	All Cattle and Calves 1,000 Head		Beef Cows 1,000 Head		Milk Cows 1,000 Head	
Rank	State	Number	State	Number	State	Number
1	Texas	13,400	Texas	5,360	Wisconsin	1,765
2	Nebraska	6,000	Missouri	2,040	California	1,150
3	Kansas	5,700	Oklahoma	1,870	New York	775
4	Oklahoma	5,550	Nebraska	1,827	Minnesota	690
5	California	4,750	South Dakota	1,513	Pennsylvania	686
6	Iowa	4,750	Montana	1,428	Texas	390
7	Missouri	4,500	Kansas	1,350	Michigan	343
8	Wisconsin	4,170	Iowa	1,163	Ohio	340
9	South Dakota	3,400	Kentucky	1,100	Iowa	302
10	Colorado	2,800	Florida	1,065	Washington	241
11	Minnesota	2,760	**Tennessee**	**975**	Missouri	230
12	Kentucky	2,500	California	940	Kentucky	200
13	Montana	2,400	Alabama	917	Illinois	195
14	**Tennessee**	**2,250**	North Dakota	875	**Tennessee**	**195**
15	Illinois	2,000	Arkansas	848	Florida	185
16	Florida	1,900	Colorado	773	Idaho	185
17	Pennsylvania	1,820	Virginia	714	Vermont	164
18	Alabama	1,800	Mississippi	707	Indiana	155
19	Idaho	1,740	Georgia	657	Virginia	141
20	Virginia	1,730	Wyoming	650	South Dakota	137
21	North Dakota	1,700	Oregon	600	Georgia	113
22	Arkansas	1,690	New Mexico	571	Maryland	108
23	Ohio	1,580	Illinois	570	Nebraska	103
24	New York	1,550	Louisiana	570	North Carolina	101
25	Oregon	1,500	Idaho	545	Oklahoma	100
26	Georgia	1,420	North Carolina	389	Oregon	100
27	New Mexico	1,340	Ohio	370	Kansas	98
28	Washington	1,340	Minnesota	375	Arizona	96
29	Mississippi	1,290	Washington	375	New Mexico	89
30	Indiana	1,225	Indiana	345	North Dakota	85
31	Michigan	1,225	Utah	321	Louisiana	80
32	Wyoming	1,190	Nevada	280	Utah	80
33	Louisiana	1,020	South Carolina	271	Colorado	77
34	North Carolina	950	West Virginia	266	Arkansas	69
35	Arizona	840	Arizona	249	Mississippi	63
36	Utah	810	Pennsylvania	184	Alabama	43
37	South Carolina	575	Wisconsin	175	Maine	42
38	Nevada	520	Michigan	117	South Carolina	34
39	West Virginia	515	Hawaii	80	Connecticut	33
40	Maryland	320	New York	70	Massachusetts	30
41	Vermont	280	Maryland	51	New Jersey	25
42	Hawaii	214	Maine	18	Montana	24
43	Maine	119	Vermont	14	West Virginia	24
44	Connecticut	74	New Jersey	13	Nevada	20
45	Massachusetts	70	Massachusetts	11	New Hampshire	20
46	New Jersey	70	Connecticut	7	Hawaii	11
47	New Hampshire	46	New Hampshire	4	Wyoming	10
48	Delaware	28	Delaware	3	Delaware	9
49	Alaska	8	Alaska	2	Rhode Island	2
50	Rhode Island	7	Rhode Island	2	Alaska	1

STATES RANKING AND NUMBERS OF LIVESTOCK, DECEMBER 1, 1990

	All Hogs and Pigs 1,000 Head		Hogs for Breeding 1,000 Head		Market Hogs 1,000 Head	
Rank	State	Number	State	Number	State	Number
1	Iowa	14,000	Iowa	1,620	Iowa	12,380
2	Illinois	5,700	Illinois	710	Illinois	4,990
3	Minnesota	4,500	Minnesota	560	Minnesota	3,940
4	Indiana	4,300	Nebraska	530	Indiana	3,775
5	Nebraska	4,300	Indiana	525	Nebraska	3,770
6	Missouri	2,800	Missouri	405	North Carolina	2,470
7	North Carolina	2,800	North Carolina	330	Missouri	2,395
8	Ohio	2,000	Ohio	252	Ohio	1,748
9	South Dakota	1,770	South Dakota	245	South Dakota	1,525
10	Kansas	1,500	Wisconsin	175	Kansas	1,330
11	Michigan	1,250	Kansas	170	Michigan	1,080
12	Wisconsin	1,200	Michigan	170	Wisconsin	1,025
13	Georgia	1,100	Georgia	160	Georgia	940
14	Kentucky	920	Kentucky	130	Pennsylvania	820
15	Pennsylvania	920	Pennsylvania	100	Kentucky	790
16	Arkansas	760	Arkansas	91	Arkansas	669
17	**Tennessee**	**620**	**Tennessee**	**90**	**Tennessee**	**530**
18	Texas	550	Texas	85	Texas	465
19	Virginia	430	Alabama	75	Virginia	380
20	South Carolina	410	South Carolina	61	South Carolina	349
21	Alabama	400	Virginia	50	Alabama	325
22	Colorado	300	Colorado	42	Colorado	258
23	North Dakota	265	Oklahoma	35	North Dakota	231
24	Oklahoma	215	North Dakota	34	Oklahoma	180
25	Montana	185	Maryland	27	Montana	161
26	California	180	California	25	California	155
27	Maryland	162	Montana	24	Maryland	135
28	Mississippi	149	Florida	23	Mississippi	128
29	Florida	130	Mississippi	21	Florida	107
30	Arizona	110	New York	15	Arizona	97
31	New York	103	Arizona	13	New York	88
32	Oregon	80	Oregon	11	Oregon	69
33	Idaho	60	Washington	10	Idaho	52
34	Washington	56	Louisiana	9	Washington	46
35	Louisiana	50	Idaho	8	Louisiana	41
36	Hawaii	36	Hawaii	6	Hawaii	30
37	Massachusetts	33	Utah	5	Massachusetts	29
38	Utah	33	West Virginia	5	Utah	28
39	Delaware	31	Delaware	4	Delaware	27
40	West Virginia	30	Massachusetts	4	West Virginia	25
41	New Mexico	27	New Mexico	4	New Mexico	23
42	New Jersey	25	New Jersey	3	New Jersey	22
43	Wyoming	20	Maine	2	Wyoming	18
44	Nevada	14	Nevada	2	Nevada	12
45	Maine	10	New Hampshire	2	Maine	8
46	New Hampshire	9	Wyoming	2	New Hampshire	8
47	Connecticut	7	Connecticut	1	Connecticut	6
48	Rhode Island	5	Vermont	1	Rhode Island	5
49	Vermont	5	Rhode Island	1	Vermont	4
50	Alaska	1	Alaska	0	Alaska	1

Crops

CROP SUMMARY: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1989-1990

Crop	Unit	1989				1990			
		Acreage	Yield	Production		Acreage	Yield	Production	
		Harvested	Per Acre	Total	Value	Harvested	Per Acre	Total	Value
		1,000		1,000	$1,000	1,000		1,000	$1,000
Corn for Grain	Bu.	530	107.0	56,710	141,775	510	86.0	43,860	105,264
Corn for Silage	Tons.	110	15.0	1,650	---	100	16.0	1,600	—
Cotton, Lint	Lbs. 1/	460	497	476	143,942	515	461	495	157,529
Cottonseed	Tons.	---	---	176	17,952	—	—	192	21,312
Hay, All	Tons.	1,700	2.06	3,499	169,702	1,500	2.17	3,255	159,495
Alfalfa Hay	Tons.	90	3.10	279	24,552	70	3.60	252	25,704
All Other Hay	Tons.	1,610	2.00	3,220	145,150	1,430	2.10	3,003	133,791
Grain Sorghum	Bu.	27	75.0	2,025	4,698	55	77.0	4,235	9,486
Sorghum Silage	Tons.	6	11.0	66	---	3	14.0	42	---
Soybeans	Bu.	1,240	24.0	29,760	178,262	1,250	27.0	33,750	200,813
Tobacco, All	Lbs.	45.50	1,754	79,820	138,200	53.59	2,094	112,218	200,039
E. Dark-Fired (22)	Lbs.	6.50	1,920	12,480	25,372	6.60	2,305	15,213	30,274
W. Dark-Fired (23)	Lbs.	0.50	2,220	1,110	2,156	0.49	2,500	1,225	2,328
Burley (31)	Lbs.	38.00	1,720	65,360	109,151	46.00	2,060	94,760	165,546
One-Sucker (35)	Lbs.	0.50	1,740	870	1,521	0.50	2,040	1,020	1,891
Winter Wheat	Bu.	450	42.0	18,900	68,985	490	36.0	17,640	53,802
Apples(Having Value)	Lbs.	---	---	10,000	1,475	—	—	7,700	1,380
Peaches(Having Value)	Lbs.	---	---	1,200	443	—	—	1,100	407
Floriculture	---	---	---	---	22,851	—	---	---	24,165
Snap Beans,Processing	Tons.	5.2	1.75	9.1	2,184	5.0	1.78	8.9	2,047
Tomatoes,Fresh Market	Cwt.	3.6	140	504	12,600	4.3	200	860	20,640

1/ Cotton production in 480-lb. net weight bales.

TENNESSEE COUNTIES RANKED BY PRODUCTION OF FIELD CROPS, 1990 1/

Rank	Soybeans	Tobacco	Wheat	Corn	Cotton	Sorghum
1	Dyer	Greene	Dyer	Obion	Haywood	Dyer
2	Obion	Robertson	Obion	Weakley	Crockett	Gibson
3	Lauderdale	Montgomery	Gibson	Gibson	Tipton	Obion
4	Gibson	Washington	Lauderdale	Henry	Fayette	Fayette
5	Lake	Sumner	Robertson	Franklin	Gibson	Weakley
6	Tipton	Claiborne	Weakley	Carroll	Madison	Haywood
7	Weakley	Hawkins	Lake	Lake	Lauderdale	Lake
8	Shelby	Macon	Henry	Robertson	Shelby	Carroll
9	Haywood	Smith	Tipton	Dyer	Dyer	Tipton
10	Fayette	Cocke	Shelby	Henderson	Hardeman	Chester
11	Henry	Grainger	Franklin	Montgomery	Carroll	Lauderdale
12	Robertson	Sullivan	Montgomery	McNairy	Lake	Crockett
13	Madison	Johnson	Haywood	Coffee	Obion	Benton
14	Crockett	Hancock	Bedford	Lauderdale	Chester	Lincoln
15	Montgomery	Maury	Fayette	Lawrence	McNairy	Hardeman
16	McNairy	Jefferson	Carroll	Humphreys	Franklin	Henry
17	Franklin	Trousdale	Lincoln	Madison	Lincoln	Madison
18	Carroll	Cheatham	Sumner	Hardin	Henderson	Henderson
19	Henderson	Williamson	Rutherford	Lincoln	Rutherford	Hardin
20	Hardin	Dickson	Crockett	Hardeman	Weakley	McNairy
21	Hardeman	Stewart	Madison	Giles	Maury	Shelby
22	Bedford	Hamblen	Hardin	Fayette	Giles	Decatur
23	Lincoln	Jackson	Hardeman	Bedford	Coffee	Warren
24	Coffee	Putnam	Lawrence	Chester	Hardin	Rutherford
25	Sumner	Union	Coffee	Cannon	Henry	Maury
26	Cannon	Carter	Maury	Rutherford		Polk
27	Lawrence	Clay	Blount	Haywood		
28	Marion	Sevier	Warren	Maury		
29	Chester	White	Williamson	Sumner		
30	Maury	Dekalb	Giles	Decatur		
31	Rutherford	Monroe	Henderson	Warren		
32	Giles	Wilson	Marshall	Benton		
33	Williamson	Henry	Marion	Perry		
34	Warren	McMinn	Chester	Blount		
35	Humphreys	Pickett	Jefferson	Marion		
36	Benton	Lincoln	McNairy	Hickman		
37	DeKalb	Loudon	Macon	Greene		
38	Macon	Campbell	Benton	Marshall		
39	Hickman	Blount	Wilson	Fentress		
40	Decatur	Overton	Decatur	Wayne		
41	Monroe	Unicoi	Grundy	Bledsoe		
42	Stewart	Marshall	Cannon	Washington		
43	Bledsoe	Knox	DeKalb	Macon		
44	Grundy	Giles	Greene	Williamson		

1/ If tied, ranked by harvested acreage.

TENNESSEE COUNTIES RANKED BY PRODUCTION OF FIELD CROPS, 1990 1/

Rank	Soybeans	Tobacco	Wheat	Corn
45	Blount	Fentress	Greene	Grundy
46	Polk	Houston	McMinn	Hawkins
47	Rhea	Lawrence	Bledsoe	Jefferson
48	Perry	Cannon	Monroe	Tipton
49	Marshall	Moore	Cheatham	Crockett
50	Smith	Roane	Perry	DeKalb
51	Greene	Meigs	White	Shelby
52	Wayne	Bedford	Davidson	Overton
53	Davidson	Warren	Polk	Polk
54	Cocke	Weakley	Stewart	Smith
55	Loudon	Franklin	Meigs	McMinn
56	Cumberland	Hickman	Hamblen	Monroe
57	Cheatham	Cumberland	Hickman	Morgan
58	Meigs	Davidson	Rhea	Claiborne
59	Overton	Anderson	Wayne	Cumberland
60	Jefferson	Bradley	Hawkins	Hamblen
61	Sequatchie	Morgan	Bradley	White
62	Hamblen	Rutherford	Smith	Cocke
63	Fentress	Lewis	Loudon	Cheatham
64	McMinn	Rhea	Sequatchie	Sequatchie
65	Clay	Humphreys	Knox	Rhea
66	Bradley	Van Buren	Dickson	Sullivan
67	White	Coffee	Washington	Putnam
68	Lewis	Scott	Humphreys	Trousdale
69	Grainger	Polk	Putnam	Johnson
70	Trousdale		Hamilton	Jackson
71	Moore		Houston	Dickson
72	Morgan		Roane	Stewart
73	Putnam		Lewis	Clay
74	Houston		Clay	Grainger
75	Dickson		Jackson	Wilson
76			Trousdale	Loudon
77			Grainger	Knox
78			Overton	Hancock
79			Cocke	Houston
80			Cumberland	Sevier
81			Claiborne	Davidson
82			Moore	Pickett
83			Sevier	Moore
84			Sullivan	Scott
85			Van Buren	Bradley
86			Johnson	Lewis
87			Morgan	Meigs
88			Fentress	Hamilton
89				Carter
90				Campbell
91				Roane
92				Van Buren

1/ If tied, ranked by harvested acreage.

TENNESSEE CROPS: Record Highs and Lows

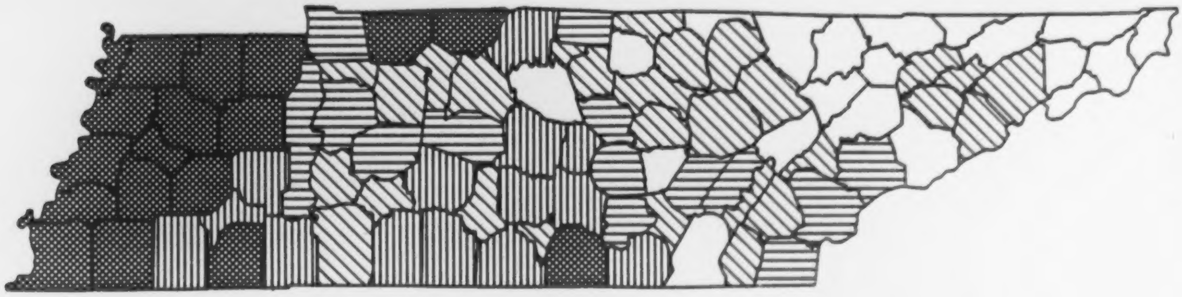
Record High

Crop	Unit	Year	Acreage Harvested	Year	Yield Per Acre	Year	Production
			1,000				1,000
Corn for Grain	Bu.	1920	3,375	1989	107	1985	79,380
Corn for Silage	Tons	1973	170	1984	17	1976	2,560
Cotton	Bales	1925	1,146	1987	700	1953	700
Hay:							
All Hay	Tons	1943	1,997	1990	2.17	1989	3,499
Alfalfa	Tons	1958	188	1985	3.80	1963	408
Grain Sorghum	Bu.	1985	465	1985	80	1985	37,200
Sorghum Silage	Tons	1955	35	1990	14	1955	315
Soybeans	Bu.	1979	2,620	1985	31	1979	70,740
Tobacco:							
All Tobacco	Lbs.	1930	162	1972	2,172	1982	178,117
E. Dark-Fired	Lbs.	1923	76	1988	2,385	1931	61,500
W. Dark-Fired	Lbs.	1919	30	1990	2,500	1919	24,450
Burley (31)	Lbs.	1952	89	1972	2,245	1982	148,580
One Sucker (35)	Lbs.	1945	6	1984	2,135	1919	18,150
Winter Wheat	Bu.	1981	850	1988	50	1981	37,400
Fruits & Vegetables:							
Apples	Lbs.	N/A	N/A	N/A	N/A	1941	26,900
Peaches	Lbs.	N/A	N/A	N/A	N/A	1912	137,600
Snapbeans, Processed	Tons	1973	16.7	1982	2.59	1975	319
Tomatoes, Fresh	Cwt.	1928	9	1985	280	1985	1,120

Record Low

Crop	Unit	Year	Acreage Harvested	Year	Yield Per Acre	Year	Production
			1,000				1,000
Corn for Grain	Bu.	1983	480	1930	14	1983	23,040
Corn for Silage	Tons	1934	12	1930	3.5	1932	72
Cotton	Bales	1983	215	1923	103	1967	145
Hay:							
All Hay	Tons	1914	893	1930	.63	1911	699
Alfalfa	Tons	1924	15	1930	1.15	1925	19
Grain Sorghum	Bu.	1949	5	1954	17	1949	115
Sorghum Silage	Tons	1932	2	1930	4.5	1932	13
Soybeans	Bu.	1925	8	1935	6.5	1925	60
Tobacco:							
All Tobacco	Lbs.	1874	21	1874	300	1874	6,300
E. Dark-Fired	Lbs.	1987	5.5	1920	744	1987	11,935
W. Dark-Fired	Lbs.	1973	.420	1930	700	1974	607
Burley (31)	Lbs.	1921	9.3	1925	700	1921	7,347
One Sucker (35)	Lbs.	1988	.48	1925	670	1989	870
Winter Wheat	Bu.	1962	107	1885	3	1866	2,008
Fruits & Vegetables:							
Apples	Lbs.	N/A	N/A	N/A	N/A	1955	2,700
Peaches	Lbs.	N/A	N/A	N/A	N/A	1985	0
Snapbeans, Processed	Tons	1919	.12	1941	.8	1921	3
Tomatoes, Fresh	Cwt.	1919	1.5	1953	40	1921	82

STATE'S SOYBEAN YIELD, A PLEASANT SURPRISE



SOYBEANS

TOP FIVE COUNTIES

1.	DYER	4,440,000
2.	OBION	4,158,000
3.	LAUDERDALE	2,670,000
4.	GIBSON	2,281,000
5.	LAKE	2,220,000

BUSHELS

▩	500,000 AND OVER
▥	150,000–499,999
▤	50,000–149,999
▧	5,000–49,999
□	UNDER 5,000

Abundant fall moisture and mild temperatures late into the season spawned pleasant surprises for soybean growers, especially in the northwestern and eastern counties of the state. The state estimated yield was 27.0 bushels per acre, exceeding the five-year average of 25.8 bushels. Earlier, this very late planted moisture-stressed crop was expected to produce only a dismal 23 bushels per acre. Tennessee's 1990 soybean crop totaled 33.8 million bushels, up 13 percent from 1989.

Soybean acreage held steady in 1990, despite growers hopes to scale-back operations in favor of corn. Due to a very wet May, farmers switched a sizeable amount of intended corn acreage and a small amount of cotton ground to soybeans. Harvest conditions were superb.

Soybeans ranked as Tennessee's top valued crop in 1990, slightly edging tobacco. The total value of soybean production increased to $200.8 million from $178.3 million in 1989. Soybean prices were, again, disappointing, averaging $5.95 per bushel, compared with $5.99 in 1989.

SOYBEANS: ACREAGE, PRODUCTION, AND VALUE, TENNESSEE, 1981-1990

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Market Year Average	Value of Production
	1,000 Acres	1,000 Acres	Bushels	1,000 Bushels	Dollars Per Bushel	1,000 Dollars
1981	2,450	2,350	25.0	58,750	6.06	356,025
1982	2,400	2,300	26.5	60,950	5.57	339,492
1983	2,020	1,970	16.0	31,520	7.96	250,899
1984	1,900	1,850	26.0	48,100	5.97	287,157
1985	1,500	1,460	31.0	45,260	5.08	229,921
1986	1,470	1,420	25.0	35,500	4.87	172,885
1987	1,300	1,250	23.0	28,750	5.61	161,288
1988	1,300	1,230	26.0	31,980	7.64	244,327
1989	1,300	1,240	24.0	29,760	5.99	178,262
1990	1,300	1,250	27.0	33,750	5.95 [1]	200,813

[1] Preliminary based on the first seven months of the marketing year.

SOYBEANS: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1980-1990[1]

Crop Year	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Marketing Year Average
1981	6.28	5.97	6.05	6.08	6.07	6.18	6.18	6.30	6.49	6.22	6.14	5.63	6.06
1982	5.06	5.14	5.53	5.64	5.65	5.79	5.79	6.31	6.14	6.20	6.58	8.08	5.57
1983	8.74	8.12	7.99	8.01	7.75	6.95	8.00	8.00	8.19	8.16	6.79	6.59	7.96
1984	6.33	6.07	5.91	5.96	6.18	6.05	6.05	6.11	5.80	5.85	5.53	5.20	5.97
1985	5.05	4.93	5.00	5.04	5.37	5.35	5.27	5.41	5.39	5.31	5.19	5.24	5.08
1986	4.79	4.81	4.89	4.77	4.88	4.83	4.94	5.01	5.06	5.40	5.42	5.18	4.87
1987	5.15	5.18	5.46	5.84	6.01	6.18	6.23	6.59	7.30	8.14	8.88	8.34	5.61
1988	8.26	7.66	7.53	7.69	7.90	7.59	7.76	7.43	7.43	7.16	6.86	6.29	7.64
1989	5.76	6.01	5.97	6.02	6.02	5.84	5.92	6.07	6.21	6.02	6.12	6.17	5.99
1990	6.29	6.15	5.93	5.90	5.85	5.83	5.96						5.95 [2]

[1] Marketing year is September 1 of the current year through the following August 31.

[2] Preliminary based on the first seven months of the marketing year.

SOYBEANS: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1985, 1986, AND 1987

District and County	Planted for All Purposes			Harvested For Beans			Yield Per Harvested Acre			Production For Beans		
	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
	Acres						Bushels					
Dyer	148,000	159,000	142,000	147,000	154,000	139,000	33	26	24	4,860,000	4,020,000	3,283,000
Lake	60,000	62,000	61,000	59,500	60,000	60,000	38	30	28	2,250,000	1,800,000	1,656,000
Lauderdale	107,000	106,000	100,000	106,000	103,000	97,000	33	25	26	3,540,000	2,580,000	2,520,000
Obion	100,000	106,000	100,000	99,000	104,000	99,000	33	32	27	3,265,000	3,280,000	2,648,000
Shelby	60,000	53,000	44,000	59,500	52,000	43,000	29	23	21	1,730,000	1,200,000	910,000
Tipton	93,000	94,000	82,000	92,000	92,000	81,000	28	24	25	2,580,000	2,218,000	2,026,000
District 10	568,000	580,000	529,000	563,000	565,000	519,000	32	27	25	18,225,000	15,098,000	13,043,000
Benton	7,000	6,000	5,200	6,200	5,600	4,900	33	22	24	205,000	123,000	116,000
Carroll	32,000	35,000	26,000	31,000	34,000	25,000	31	22	22	965,000	750,000	548,000
Chester	16,000	15,000	11,000	15,500	14,500	10,800	25	18	19	385,000	260,000	200,000
Crockett	28,000	26,000	24,000	27,000	25,500	23,000	31	20	22	840,000	510,000	503,000
Decatur	6,000	5,000	3,300	5,800	4,600	3,000	27	22	22	155,000	100,000	67,000
Fayette	64,000	60,000	50,000	63,000	59,000	48,000	29	22	20	1,830,000	1,300,000	965,000
Gibson	83,000	85,000	80,000	82,000	84,000	78,000	31	23	23	2,540,000	1,930,000	1,795,000
Hardeman	30,000	24,000	17,000	29,000	23,600	16,400	28	21	22	810,000	495,000	358,000
Hardin	30,000	31,000	23,500	29,000	30,000	22,500	27	19	19	770,000	570,000	430,000
Haywood	71,000	79,000	60,000	70,000	78,000	59,000	28	21	21	1,940,000	1,640,000	1,220,000
Henderson	24,000	22,000	17,000	23,500	21,500	16,200	32	24	21	750,000	515,000	348,000
Henry	28,000	31,000	30,000	27,500	30,000	28,800	33	25	21	900,000	750,000	615,000
McNairy	30,000	31,000	23,000	29,500	30,500	22,300	26	20	21	765,000	610,000	465,000
Madison	40,000	40,000	27,000	39,000	39,200	25,600	29	21	21	1,130,000	825,000	545,000
Weakley	61,000	61,000	59,000	60,000	60,000	57,500	30	25	23	1,800,000	1,500,000	1,300,000
District 20	550,000	551,000	456,000	538,000	540,000	441,000	29	22	21	15,785,000	11,878,000	9,475,000
Cheatham	3,200	2,800	2,200	3,000	2,600	2,000	35	29	26	105,000	75,000	52,000
Dickson	2,200	1,700	1,200	2,100	1,500	900	31	23	20	65,000	34,500	18,000
Hickman	4,500	4,500	4,200	4,100	4,100	3,800	33	27	27	135,000	110,000	101,000
Houston	1,000	600	1/	900	500	1/	32	25	1/	28,500	12,500	1/
Humphreys	5,600	5,800	5,600	5,400	5,600	5,400	38	29	29	205,000	161,000	158,000
Lawrence	18,000	17,000	12,000	17,300	16,000	10,800	29	30	22	500,000	480,000	240,000
Lewis	800	500	1/	700	400	1/	32	25	1/	22,500	10,000	1/
Montgomery	27,000	26,000	22,000	25,200	24,700	21,000	35	27	24	885,000	670,000	507,000
Perry	3,600	3,000	1,200	3,400	2,900	1,100	29	23	20	98,000	66,000	21,600
Robertson	48,000	44,000	39,000	47,000	43,000	38,000	33	27	25	1,565,000	1,170,000	955,000
Stewart	3,500	3,500	3,100	3,400	3,400	2,900	31	26	22	105,000	88,000	63,000
Wayne	4,600	4,600	2,900	4,500	4,300	2,700	31	23	21	140,000	99,000	57,000
Other 1/	--	--	600	--	--	400	--	--	24	--	--	9,400
District 30	122,000	114,000	94,000	117,000	109,000	89,000	33	27	25	3,854,000	2,976,000	2,182,000

1/ Less than 500 acres planted for all purposes,combined with other counties.

SOYBEANS: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1985, 1986, AND 1987

District and County	Planted for All Purposes			Harvested For Beans			Yield Per Harvested Acre			Production For Beans		
	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
			Acres							Bushels		
Bedford	14,500	14,000	14,500	14,000	13,500	13,000	29	27	18	400,000	370,000	237,000
Cannon	7,000	6,000	7,700	6,900	5,900	7,200	27	25	19	185,000	150,000	134,000
Clay	2,000	1,600	1,600	1,400	1,200	1,100	30	28	25	42,000	33,000	28,000
Davidson	3,000	2,000	1,100	2,300	1,500	800	37	27	28	85,000	40,000	22,700
DeKalb	6,000	4,700	5,000	5,900	4,600	4,700	35	28	22	205,000	130,000	104,000
Giles	9,000	8,500	6,500	8,000	7,200	5,500	34	25	22	270,000	180,000	120,000
Jackson	1,200	1,000	700	1,000	800	500	25	25	27	25,000	20,000	13,500
Lincoln	27,000	22,000	23,000	26,000	20,300	21,100	30	29	19	770,000	590,000	410,000
Macon	5,600	4,500	4,000	4,600	4,100	3,800	30	26	22	137,000	105,000	82,000
Marshall	4,800	3,500	2,500	4,500	3,200	2,000	26	26	29	115,000	83,000	38,500
Maury	14,500	13,500	10,500	14,000	12,300	9,100	29	27	20	410,000	330,000	180,000
Moore	700	700	700	500	600	650	30	23	18	15,000	14,000	11,500
Rutherford	16,000	12,000	12,000	14,700	10,700	10,700	27	26	22	400,000	275,000	240,000
Smith	1,400	1,300	1,100	1,200	1,100	900	29	27	31	35,000	30,000	27,500
Sumner	15,600	13,000	12,000	14,500	12,000	11,500	33	26	25	475,000	310,000	288,000
Trousdale	1,000	600	700	900	500	550	33	26	26	30,000	13,000	14,300
Williamson	12,000	10,000	9,300	11,000	9,500	8,900	34	26	23	376,000	250,000	209,000
Wilson	1,700	1,100	1,100	1,600	1,000	1,000	28	23	17	45,000	23,000	17,000
District 40	143,000	120,000	114,000	133,000	110,000	103,000	30	27	21	4,020,000	2,946,000	2,177,000
Bledsoe	4,000	3,000	3,200	3,900	2,900	3,000	30	26	21	118,000	75,000	62,000
Coffee	18,500	19,300	21,000	18,200	18,800	20,500	32	30	17	575,000	565,000	340,000
Cumberland	3,000	2,500	2,300	2,900	2,300	2,100	31	25	22	90,000	57,000	46,000
Fentress	3,600	2,300	1,900	3,400	2,200	1,800	28	33	26	94,000	73,000	46,000
Franklin	25,000	25,500	26,000	24,800	25,200	25,300	33	30	20	830,000	756,000	494,000
Grundy	2,000	2,000	2,400	1,900	1,900	2,300	32	29	20	60,000	55,000	46,000
Marion	8,000	7,500	8,000	7,900	7,400	7,700	35	27	18	275,000	200,000	136,000
Morgan	1,200	1,000	1,000	1,100	800	800	33	33	26	36,000	26,500	21,000
Overton	1,600	1,000	800	1,300	900	700	31	31	24	40,000	28,000	16,500
Putnam	1,900	1,400	1,000	1,600	1,300	800	35	27	26	56,000	35,000	21,000
Sequatchie	1,900	1,200	1,100	1,800	1,000	1,000	33	21	20	60,000	21,000	19,700
Van Buren	500	500	1/	500	400	1/	30	29	1/	15,000	11,500	1/
Warren	11,500	9,000	10,400	11,200	8,700	9,700	29	22	16	325,000	195,000	158,000
White	4,100	3,800	2,600	3,300	3,200	2,100	32	24	24	106,000	77,000	50,000
Other 1/	200	--	300	200	--	200	30	--	24	6,000	--	4,800
District 50	87,000	80,000	82,000	84,000	77,000	78,000	32	28	19	2,686,000	2,175,000	1,461,000
Blount	4,500	4,000	4,000	3,800	3,000	3,000	31	25	17	118,000	74,000	51,000
Bradley	700	1/	1/	600	1/	1/	33	1/	1/	20,000	1/	1/
Cocke	1,200	1,400	2,000	900	1,000	1,800	34	20	23	30,500	20,000	41,500
Grainger	1/	500	1/	1/	250	1/	1/	23	1/	1/	5,700	1/
Greene	1,500	1,200	1,000	1,000	700	700	25	21	29	25,000	15,000	20,500
Hamblen	1,000	700	700	800	600	600	33	30	30	26,500	18,000	18,000
Hamilton	500	1/	1/	400	1/	1/	29	1/	1/	11,500	1/	1/
Hawkins	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Jefferson	1,200	1,000	1,000	900	700	700	27	22	19	24,300	15,400	13,000
Knox	1,000	800	500	800	600	450	24	20	14	19,400	12,000	6,500
Loudon	1,300	1,000	1,200	1,200	700	900	25	20	14	30,000	14,000	12,800
McMinn	2,500	1,700	800	1,900	1,100	500	20	13	20	38,000	14,000	9,800
Meigs	1,900	1,700	1,700	1,700	1,400	1,300	29	26	20	50,000	36,500	26,000
Monroe	7,000	6,600	7,300	6,500	5,800	6,700	25	23	22	160,000	132,000	150,000
Polk	1,600	1,000	1,300	1,300	700	1,000	27	21	16	35,000	15,000	16,000
Rhea	2,800	1,900	1,900	2,300	1,600	1,400	32	23	17	74,000	36,000	24,400
Sevier	500	1/	1/	300	1/	1/	30	1/	1/	9,000	1/	1/
Other 1/	800	1,500	1,600	600	850	950	31	23	24	18,800	19,400	22,500
District 60	30,000	25,000	25,000	25,000	19,000	20,000	28	22	21	690,000	427,000	412,000
State	1,500,000	1,470,000	1,300,000	1,460,000	1,420,000	1,250,000	31	25	23	45,260,000	35,550,000	28,750,000

1/ Less than 500 acres planted for all purposes, combined with other counties

SOYBEANS: Farm Marketings By Months, Tennessee, 1980-1989

Crop Year	Year of Production				Following Year							
	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
	Percent											
1980	4	40	25	5	7	3	5	3	1	2	1	4
1981	2	31	35	10	7	3	4	4	1	1	1	1
1982	1	34	20	8	9	7	8	5	3	2	2	1
1983	2	34	27	6	9	4	8	3	3	1	1	2
1984	1	6	43	18	8	4	8	5	2	3	1	1
1985	1	18	37	18	12	4	4	2	1	1	1	1
1986	3	18	17	24	13	7	5	6	3	2	1	1
1987	2	52	15	6	10	4	3	2	2	2	1	1
1988	1	28	29	15	15	2	4	1	2	1	1	1
1989	2	26	25	10	12	7	6	4	3	1	1	3

SOYBEANS: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1988, 1989, AND 1990

District and County	Planted for All Purposes			Harvested For Beans			Yield Per Harvested Acre			Production For Beans		
	1988	1989	1990	1988	1989	1990	1988	1989	1990	1988	1989	1990
	Acres						Bushels					
Dyer	140,000	150,000	149,000	138,000	148,000	148,000	30	22	22	4,150,000	3,320,000	4,440,000
Lake	57,000	66,000	66,000	56,000	65,000	65,500	31	28	28	1,730,000	1,830,000	2,220,000
Lauderdale	95,000	97,000	99,000	93,000	93,000	97,000	30	25	25	2,830,000	2,335,000	2,670,000
Obion	108,000	114,000	120,000	106,000	113,000	119,000	30	26	35	3,200,000	2,935,000	4,158,000
Shelby	44,000	49,000	52,000	43,000	48,000	51,500	27	26	25	1,175,000	1,255,000	1,275,000
Tipton	86,000	89,000	84,000	85,000	88,000	82,000	28	21	26	2,400,000	1,825,000	2,130,000
District 1	530,000	565,000	570,000	521,000	555,000	563,000	30	24	30	15,485,000	13,500,000	16,893,000
Benton	5,500	4,800	5,000	5,400	4,700	4,900	27	26	23	145,000	120,000	112,000
Carroll	24,000	24,000	22,700	23,000	22,500	21,000	22	24	24	500,000	545,000	504,000
Chester	10,000	9,000	8,500	9,800	8,700	8,400	25	19	22	245,000	165,000	185,000
Crockett	25,000	25,000	26,000	24,500	23,500	24,000	27	24	25	650,000	555,000	602,000
Decatur	3,300	3,000	3,200	3,100	2,600	2,700	23	19	25	70,000	50,000	67,000
Fayette	53,500	55,000	52,000	52,500	54,100	51,300	25	23	20	1,310,000	1,235,000	1,030,000
Gibson	86,000	84,000	85,000	84,000	83,000	84,600	25	21	27	2,100,000	1,740,000	2,281,000
Hardeman	18,000	17,500	17,000	17,200	16,900	16,400	25	25	20	430,000	415,000	328,000
Hardin	24,000	19,200	20,500	23,000	16,600	18,500	24	19	20	550,000	310,000	362,000
Haywood	60,000	61,000	53,000	59,000	60,000	52,500	25	20	22	1,450,000	1,185,000	1,155,000
Henderson	17,700	14,500	14,600	17,300	14,000	14,100	24	25	26	410,000	350,000	365,000
Henry	32,000	32,000	33,500	24,500	30,500	32,300	22	26	30	550,000	780,000	980,000
McNairy	24,000	23,000	22,000	23,500	21,900	21,100	29	24	26	670,000	520,000	549,000
Madison	29,000	29,000	27,000	28,000	28,500	26,500	25	25	23	700,000	710,000	620,000
Weakley	58,000	64,000	70,000	56,200	62,500	69,700	24	24	28	1,336,000	1,520,000	1,920,000
District 2	470,000	465,000	460,000	451,000	450,000	448,000	25	23	25	11,116,000	10,200,000	11,060,000
Cheatham	2,200	1,500	1,100	1,900	1,300	800	24	34	33	46,000	44,000	26,300
Dickson	1,000	700	500	800	500	400	20	30	25	16,000	15,000	10,000
Hickman	4,500	3,800	3,300	4,000	3,500	3,000	20	24	23	80,000	85,000	69,000
Houston	1/	1/	500	1/	1/	400	1/	1/	26	1/	1/	10,400
Humphreys	6,000	6,000	4,900	5,600	5,700	4,500	26	32	27	145,000	185,000	121,000
Lawrence	13,000	12,000	11,700	11,100	10,000	10,100	20	26	19	220,000	260,000	190,000
Lewis	1/	1/	800	1/	1/	700	1/	1/	19	1/	1/	13,300
Montgomery	22,500	22,000	21,500	18,300	18,700	20,000	23	30	28	425,000	552,000	550,000
Perry	2,000	2,200	2,200	1,800	2,000	1,900	20	22	21	35,100	44,000	40,000
Robertson	29,000	31,000	31,300	25,500	29,900	29,400	19	30	25	490,000	900,000	722,000
Stewart	3,500	2,500	2,700	3,200	2,300	2,600	25	27	25	80,000	62,000	65,000
Wayne	3,500	2,700	2,500	3,300	2,600	2,200	22	27	15	73,000	71,000	33,000
Other 1/	800	600	--	500	500	--	20	24	--	9,900	12,000	--
District 3	88,000	85,000	83,000	76,000	77,000	76,000	21	29	24	1,620,000	2,230,000	1,850,000

1/ Less than 500 acres planted for all purposes,combined with other counties.

SOYBEANS: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1988, 1989, AND 1990

District and County	Planted for All Purposes			Harvested For Beans			Yield Per Harvested Acre			Production For Beans		
	1988	1989	1990	1988	1989	1990	1988	1989	1990	1988	1989	1990
	Acres						Bushels					
Bedford	14,600	14,600	14,600	12,000	12,600	12,600	19	26	25	230,000	330,000	315,000
Cannon	8,500	8,500	7,800	7,700	7,500	6,900	20	23	29	154,000	175,000	200,000
Clay	1,400	1,000	900	1,100	700	600	21	26	26	23,000	18,000	15,600
Davidson	1,500	1,500	1,400	1,100	1,200	1,100	27	21	28	30,000	25,000	31,000
DeKalb	5,300	4,000	4,400	4,600	3,300	4,000	18	21	25	81,000	70,000	100,000
Giles	7,000	5,600	6,800	6,200	4,900	6,500	19	25	25	115,000	122,000	163,000
Jackson	700	500	1/	500	400	1/	19	28	1/	9,500	11,000	1/
Lincoln	21,000	21,000	17,200	20,000	18,600	15,600	20	19	20	390,000	345,000	310,000
Macon	4,000	4,100	4,200	3,200	3,200	3,800	21	26	23	67,000	84,000	86,000
Marshall	2,200	1,500	2,000	1,800	1,200	1,700	19	25	23	34,000	30,000	38,700
Maury	9,200	8,000	8,300	6,800	6,500	7,200	18	28	24	123,000	185,000	175,000
Moore	700	500	600	600	400	500	20	15	23	11,800	6,000	11,400
Rutherford	10,500	8,700	8,700	8,500	7,500	7,700	23	21	22	196,000	160,000	170,000
Smith	1,000	800	1,400	800	600	1,200	28	25	31	22,500	15,000	37,000
Sumner	12,500	12,000	12,000	10,300	9,000	9,800	17	28	24	175,000	256,000	239,000
Trousdale	800	800	800	600	600	600	20	33	20	12,000	20,000	12,000
Williamson	9,000	6,100	6,000	7,300	5,200	5,600	17	27	25	125,000	140,000	140,000
Wilson	1,100	800	1/	900	600	1/	18	30	1/	16,200	18,000	1/
Other 1/	--	--	900	--	--	600	--	--	27	0	0	16,300
District 40	111,000	100,000	98,000	94,000	84,000	86,000	19	24	24	1,815,000	2,010,000	2,060,000
Bledsoe	2,500	2,600	3,000	2,300	2,400	2,700	20	26	24	46,000	62,000	64,100
Coffee	18,300	14,700	14,700	16,300	12,600	13,500	19	25	21	310,000	315,000	285,000
Cumberland	2,200	1,300	1,000	2,000	1,100	900	23	28	30	46,000	31,000	27,300
Fentress	1,700	1,300	800	1,600	1,200	700	27	30	29	43,000	36,000	20,400
Franklin	27,000	24,500	25,200	25,500	23,500	24,100	23	23	23	590,000	543,000	545,000
Grundy	2,600	2,600	2,700	2,200	2,400	2,500	20	23	26	45,000	55,000	64,000
Marion	7,700	6,500	8,300	7,500	6,100	7,900	23	21	24	173,000	126,000	190,000
Morgan	1,000	700	600	800	500	400	25	27	28	20,000	13,500	11,200
Overton	800	1,100	1,000	700	1,000	800	25	28	31	17,500	28,000	25,000
Putnam	900	600	600	700	500	300	27	24	35	19,000	12,000	10,500
Sequatchie	800	700	1,100	700	600	800	25	23	28	17,600	14,000	22,500
Warren	10,100	6,500	6,500	8,700	5,600	5,600	18	23	22	160,000	130,000	121,000
White	2,000	1,500	1,000	1,700	1,300	500	25	29	27	41,800	38,000	13,500
Other 1/	400	400	400	500	300	200	300	24	33	35	7,100	10,500
District 50	78,000	65,000	67,000	71,000	59,000	61,000	22	24	23	1,536,000	1,410,000	1,410,000
Blount	2,700	1,700	2,200	1,800	1,500	2,100	21	30	30	38,000	45,000	63,000
Bradley	1/	600	900	1/	300	400	1/	25	35	1/	7,500	14,000
Cocke	2,000	1,400	1,200	1,600	1,100	900	27	32	33	43,000	35,000	30,000
Grainger	1/	1/	500	1/	1/	300	1/	1/	43	1/	1/	13,000
Greene	1,100	1,400	1,600	800	1,000	1,200	22	25	28	17,600	25,000	33,600
Hamblen	600	800	800	500	600	700	27	28	32	13,500	17,000	22,400
Hamilton	500	1/	1/	300	1/	1/	28	1/	1/	8,300	1/	1/
Jefferson	1,000	800	1,000	700	600	800	24	28	30	16,800	17,000	24,000
Knox	500	1/	1/	300	1/	1/	21	1/	1/	6,300	1/	1/
Loudon	1,100	900	1,300	700	600	900	20	25	32	14,000	15,000	29,000
McMinn	900	700	900	600	500	600	21	32	28	12,800	16,000	16,800
Meigs	1,600	1,000	1,000	1,300	700	800	24	34	33	31,000	24,000	26,000
Monroe	6,400	5,300	4,100	5,200	4,300	2,700	25	23	24	130,000	100,000	65,000
Polk	1,200	1,600	1,800	900	1,400	1,600	21	30	36	19,000	42,400	58,000
Rhea	2,000	1,400	2,700	1,500	1,100	2,000	25	25	27	37,800	28,000	54,000
Other 1/	1,400	2,400	2,000	800	1,300	1,000	25	29	28	19,900	38,100	28,200
District 60	23,000	20,000	22,000	17,000	15,000	16,000	24	27	30	408,000	410,000	477,000
State	1,300,000	1,300,000	1,300,000	1,230,000	1,240,000	1,250,000	26	24	27	31,980,000	29,760,000	33,750,000

1/ Less than 500 acres planted for all purposes, combined with other counties

BEST BURLEY YIELD SINCE 1982

A 95 million-pound burley tobacco crop hit the auction floors in 1990 as growers realized their best yielding crop since 1982. Tennessee's average burley tobacco yield in 1990 was 2,060 pounds per acre coming from 46,000 acres. Near ideal rainfall and warm temperatures throughout the May to mid-August growing season allowed many East Tennessee farmers to produce one of their best crops ever. Middle Tennessee farmers reported a good crop, but not as abundant as their neighbors to the east. Burley tobacco production represented 84 percent of total tobacco production in 1990 compared with 82 percent in 1989. Production of dark air-cured and dark fire-cured tobacco was 17.5 million pounds, up from 14.5 million in 1989.

Tennessee's 1990 tobacco crop was valued at $200.0 million and ranked as the second leading crop next to soybeans. The burley tobacco crop was worth $165.5 million while the dark types were valued at $34.5 million.

SPRINGFIELD TENN
TENNESSEE
TENNESSEE

ALL TOBACCO: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1981-1990

Crop Year	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average	Value of Production
		Pounds	1,000 Pounds	Dollars Per Pound	1,000 Dollars
1981	78,650	2,053	161,463	1.776	286,789
1982	82,610	2,156	178,117	1.723	306,830
1983	72,910	1,621	118,197	1.797	212,428
1984	74,990	2,062	154,646	1.792	277,133
1985	61,710	2,065	127,403	1.571	200,189
1986	49,240	1,682	82,821	1.524	126,202
1987	49,440	1,766	87,291	1.551	135,421
1988	48,520	1,920	93,142	1.705	158,762
1989	45,500	1,754	79,820	1.731	138,200
1990	53,590	2,094	112,218	1.783	200,039

AIR-CURED TOBACCO: FARM MARKETINGS, BY MONTHS, TENNESSEE, 1981-1990 [1]

Crop	Year of Production		Following Year	
Year	Nov.	Dec.	Jan.	Feb.
		Percent		
1981	33	55	11	1
1982	41	45	14	0
1983	42	42	15	1
1984	50	37	14	0
1985	26	67	5	2
1986	29	61	10	0
1987	31	55	14	0
1988	50	33	17	0
1989	55	31	14	0
1990	49	37	14	0

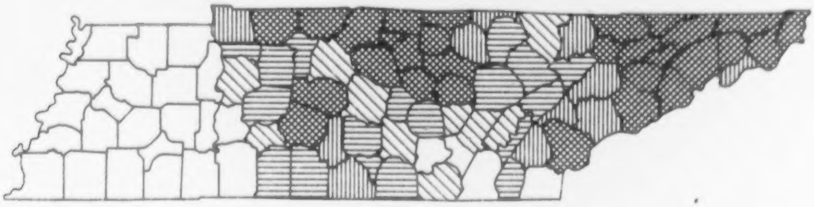
[1] Includes Type 31 (Burley) and Type 35 (Dark Air-Cured).

FIRE-CURED TOBACCO: FARM MARKETINGS, BY MONTHS, TENNESSEE, 1981-1990 [1]

Crop	Following Year			
Year	Jan.	Feb.	Mar.	Apr.
			Percent	
1981	17	72	11	0
1982	24	68	8	0
1983	12	71	17	0
1984	10	59	31	0
1985	28	46	26	0
1986	40	50	10	0
1987	46	50	4	0
1988	27	73	0	0
1989	26	70	4	0
1990	49	50	1	0

[1] Includes Type 22 (Eastern Dark) and Type 23 (Western Dark).

Burley Tobacco: 1990 Production



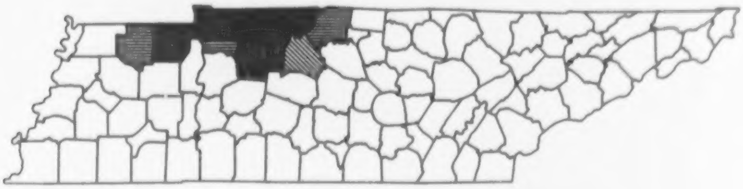
BURLEY

TOP FIVE COUNTIES	
1. GREENE	9,975,000
2. WASHINGTON	5,470,000
3. CLAIBORNE	5,340,000
4. HAWKINS	5,155,000
5. SUMNER	4,930,000

POUNDS

- ▩ 1,000,000 AND OVER
- ▥ 500,000–999,999
- ▤ 100,000–499,999
- ▧ UNDER 100,000
- ☐ NO PRODUCTION

DARK FIRE–CURED: 1990 PRODUCTION



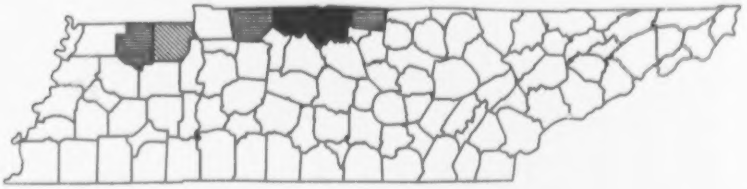
TOBACCO
DARK FIRE-CURED

TOP FIVE COUNTIES	
1. ROBERTSON	8,705,000
2. MONTGOMERY	3,738,000
3. CHEATHAM	1,565,000
4. DICKSON	1,504,000
5. STEWART	1,125,000

POUNDS

- ■ 3,000,000 AND OVER
- ■ 1,000,000–2,999,999
- ■ 100,000–1,000,000
- ▧ UNDER 100,000
- ☐ NO PRODUCTION

DARK AIR–CURED: 1990 PRODUCTION



DARK AIR-CURED

TOP FIVE COUNTIES	
1. ROBERTSON	609,000
2. SUMNER	265,000
3. MACON	41,000
4. WEAKLEY	37,500
5. MONTGOMERY	34,000

POUNDS

- ■ OVER 100,000
- ■ 50,000–99,999
- ■ 25,000–49,999
- ▧ UNDER 25,000
- ☐ NO PRODUCTION

TOBACCO, TYPE 22, EASTERN DARK-FIRED: ACREAGE, YIELD, PRODUCTION AND VALUE, 1981-90

Crop Year	Acreage Harvested	Yield Per Acre	Production	Marketing Year Averge Price	Value Of Production
		Pounds	1,000 Pounds	Dollars Per Pound	1,000 Dollars
1981	11,300	1,565	17,685	1.645	29,092
1982	12,200	2,040	24,888	1.568	39,024
1983	10,800	1,540	16,632	1.844	30,669
1984	11,800	2,210	26,078	1.540	40,160
1985	10,800	2,210	23,868	1.522	36,327
1986	8,800	2,025	17,820	1.436	25,590
1987	5,500	2,170	11,935	1.559	18,607
1988	5,600	2,385	13,356	2.231	29,797
1989	6,500	1,920	12,480	2.033	25,372
1990	**6,600**	**2,305**	**15,213**	**1.990**	**30,274**

TOBACCO, TYPE 23, WESTERN DARK-FIRED: ACREAGE, YIELD, PRODUCTION AND VALUE, 1981-90

1981	650	1,590	1,034	1.466	1,516
1982	810	2,055	1,665	1.411	2,349
1983	810	1,355	1,098	1.809	1,986
1984	890	2,205	1,962	1.635	3,208
1985	810	2,180	1,766	1.450	2,561
1986	680	2,275	1,547	1.459	2,257
1987	460	2,350	1,081	1.505	1,627
1988	440	2,450	1,078	2.151	2,319
1989	500	2,220	1,110	1.942	2,156
1990	**490**	**2,500**	**1,225**	**1.900**	**2,328**

TOBACCO, TYPE 31, BURLEY: ACREAGE, YIELD, PRODUCTION AND VALUE, 1981-1990

1981	65,000	2,155	140,075	1.802	252,415
1982	68,000	2,185	148,580	1.761	261,649
1983	60,000	1,640	98,400	1.794	176,530
1984	61,000	2,030	123,830	1.858	230,076
1985	49,000	2,030	99,470	1.591	158,257
1986	39,000	1,590	62,010	1.557	96,550
1987	43,000	1,705	73,315	1.553	113,858
1988	42,000	1,850	77,700	1.608	124,942
1989	38,000	1,720	65,360	1.670	109,151
1990	**46,000**	**2,060**	**94,760**	**1.747**	**165,546**

TOBACCO, TYPE 35, DARK AIR-CURED: ACREAGE, YIELD, PRODUCTION AND VALUE, 1981-1990

1981	1,700	1,570	2,669	1.411	3,766
1982	1,600	1,865	2,984	1.276	3,808
1983	1,300	1,590	2,067	1.569	3,243
1984	1,300	2,135	2,776	1.329	3,689
1985	1,100	2,090	2,299	1.324	3,044
1986	760	1,900	1,444	1.250	1,805
1987	480	2,000	960	1.384	1,329
1988	480	2,100	1,008	1.690	1,704
1989	500	1,740	870	1.748	1,521
1990	**500**	**2,040**	**1,020**	**1.854**	**1,891**

BURLEY TOBACCO, TYPE 31: PRICES RECEIVED BY FARMERS,BY MONTHS, 1981-1990[1]

Crop Year	November	December	January	February	Marketing Year Average Price
			Dollars Per Pound		
1981	1.795	1.805	1.815	-	1.802
1982	1.783	1.747	1.740	1.760	1.761
1983	1.829	1.789	1.710	1.660	1.794
1984	1.856	1.863	1.849	-	1.858
1985	1.596	1.592	1.576	1.548	1.591
1986	1.566	1.563	1.490	-	1.557
1987	1.575	1.569	1.440	-	1.553
1988	1.615	1.615	1.569	-	1.608
1989	1.670	1.670	1.670	-	1.670
1990	**1.745**	**1.745**	**1.770**	**-**	**1.747**

[1] Crop Market Season is November through February of the following year.

TOBACCO: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1985, 1986, AND 1987

District and County	Acreage Harvested			Yield 1/ Pounds Per Acre			Production In Pounds		
	1985	1986	1987	1985	1986	1987	1985	1986	1987
				Eastern Dark-Fired (Type 22)					
Cheatham	1,100	835	565	2,360	2,125	2,170	2,595,000	1,775,000	1,227,000
Dickson	1,040	885	540	2,350	1,965	2,190	2,446,000	1,740,000	1,183,000
Houston	170	145	100	2,235	1,830	2,000	379,800	265,000	200,000
Montgomery	2,930	2,410	1,480	2,075	1,865	2,160	6,079,000	4,500,000	3,200,000
Robertson	4,485	3,660	2,255	2,255	2,120	2,200	10,115,000	7,760,000	4,960,000
Stewart	800	685	425	2,115	2,110	2,120	1,692,000	1,445,000	900,000
Davidson	95	56	43	1,855	1,745	1,575	176,000	97,780	67,700
Sumner	175	123	90	2,150	1,910	2,155	376,000	235,000	194,000
Other Counties	5	1	2	1,840	2,220	1,650	9,200	2,220	3,300
STATE	10,800	8,800	5,500	2,210	2,025	2,170	23,868,000	17,820,000	11,935,000
				Western Dark-Fired (Type 23)					
Obion	9	5	6	2,210	2,800	2,335	19,900	14,000	14,000
Henry	654	569	370	2,265	2,275	2,335	1,481,000	1,295,000	864,000
Weakley	147	106	84	1,805	2,245	2,415	265,100	238,000	203,000
STATE	810	680	460	2,180	2,275	2,350	1,766,000	1,547,000	1,081,000
				Dark Air-Cured (Type 35)					
Obion	2/	2/	--	2/	2/	--	2/	2/	--
Henry	10	8	5	1,970	1,815	1,960	19,700	14,500	9,800
Weakley	40	24	15	2,090	2,250	2,335	83,500	54,000	35,000
Cheatham	2/	7	5	2/	2,355	2,800	2/	16,500	14,000
Montgomery	31	23	14	1,855	1,850	2,070	57,500	42,500	29,000
Robertson	556	410	263	2,175	1,920	1,990	1,208,000	787,000	523,000
Stewart	2/	2/	--	2/	2/	--	2/	2/	--
Macon	85	50	34	2,085	2,060	2,175	177,300	103,00	74,000
Sumner	357	230	142	1,985	1,790	1,900	709,000	412,000	270,000
Other Counties	21	8	2	2,095	1,815	2,600	44,000	14,500	5,200
STATE	1,100	760	480	2,090	1,900	2,000	2,299,000	1,444,000	960,000
				Burley (Type 31)					
Cheatham	125	115	135	1,920	1,785	1,860	240,000	205,000	251,000
Dickson	107	95	110	1,820	1,455	1,635	195,000	138,000	180,000
Hickman	165	100	110	1,860	1,500	1,575	307,000	150,000	173,000
Houston	70	55	64	1,930	1,580	1,690	135,000	87,000	108,000
Humphreys	21	11	16	1,940	1,545	1,625	40,700	17,000	26,000
Lawrence	215	145	176	1,815	1,450	1,815	390,000	210,000	319,000
Lewis	44	39	44	1,930	1,565	1,660	85,000	61,000	73,000
Montgomery	890	785	865	2,055	1,655	1,900	1,830,000	1,300,000	1,644,000
Robertson	935	855	905	2,065	1,745	1,970	1,930,000	1,490,000	1,785,000
Stewart	285	250	245	1,825	1,610	1,595	520,000	402,000	391,000
District 30	2,857	2,450	2,670	1,985	1,655	1,855	5,672,700	4,060,000	4,950,900
Bedford	318	190	175	1,700	1,420	1,370	540,000	270,000	240,000
Cannon	255	170	190	2,000	1,410	1,510	510,000	240,000	287,000
Clay	615	490	560	1,935	1,550	1,650	1,190,000	760,000	925,000
Davidson	77	60	60	2,080	1,385	1,535	160,000	83,000	92,000
Dekalb	710	515	650	2,085	1,535	1,660	1,480,000	790,000	1,080,000
Giles	355	230	280	1,915	1,325	1,555	680,000	305,000	435,000
Jackson	955	680	820	1,895	1,440	1,575	1,810,000	980,000	1,290,000
Lincoln	680	460	500	1,750	1,390	1,500	1,190,000	640,000	750,000
Macon	1,740	1,450	1,710	2,100	1,730	1,805	3,650,000	2,510,000	3,085,000
Marshall	440	330	345	2,070	1,410	1,420	910,000	465,000	490,000
Maury	1,690	1,300	1,450	1,925	1,430	1,520	3,250,000	1,860,000	2,205,000
Moore	285	195	240	2,005	1,490	1,625	571,000	290,000	390,000
Rutherford	105	70	70	1,800	1,315	1,370	189,000	92,000	96,000
Smith	1,470	1,230	1,460	2,240	1,710	1,665	3,290,000	2,100,000	2,430,000
Sumner	2,370	1,910	2,000	2,015	1,470	1,830	4,780,000	2,810,000	3,655,000
Trousdale	825	730	890	2,180	1,725	1,905	1,800,000	1,260,000	1,695,000
Williamson	1,120	880	840	2,105	1,630	1,825	2,360,000	1,435,000	1,535,000
Wilson	1,040	610	660	2,040	1,475	1,440	2,120,000	900,000	950,000
District 40	15,050	11,500	12,900	2,025	1,545	1,675	30,480,000	17,790,000	21,630,000

1/ Yield derived to nearest 5 pounds, except all tobacco to nearest pound.
2/ Combined with other counties

TOBACCO: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1985, 1986, AND 1987

District and County	Acreage Harvested			Yield 1/ Pounds Per Acre			Production In Pounds		
	1985	1986	1987	1985	1986	1987	1985	1986	1987
					Burley (Type 31)				
Coffee	22	15	16	2,255	1,605	1,625	49,000	24,100	26,000
Cumberland	180	130	135	1,860	1,425	1,675	335,000	185,000	226,000
Fentress	182	130	170	1,785	1,385	1,825	325,000	180,000	310,000
Franklin	160	105	120	1,780	1,410	1,515	285,000	148,000	182,000
Grundy	11	7	8	1,820	1,345	1,515	20,000	9,400	12,100
Morgan	45	37	43	1,980	1,570	1,800	89,000	58,000	77,400
Overton	335	245	310	2,015	1,655	1,760	675,000	405,000	545,000
Pickett	390	280	390	1,925	1,610	1,845	751,000	450,000	720,000
Putnam	760	590	680	2,195	1,560	1,800	1,670,000	920,000	1,225,000
Scott	19	15	13	1,895	1,465	1,540	36,000	22,000	20,000
Van Buren	35	27	27	1,855	1,335	1,395	65,000	36,000	37,700
Warren	205	150	154	1,900	1,465	1,410	390,000	220,000	217,000
White	660	538	600	2,030	1,675	1,725	1,340,000	900,000	1,035,000
District 50	3,004	2,269	2,666	2,005	1,570	1,740	6,030,000	3,557,500	4,633,200
Anderson	182	130	135	2,035	1,655	1,630	370,000	215,000	220,000
Blount	670	510	460	1,880	1,560	1,545	1,260,000	795,000	710,000
Bradley	120	95	87	1,960	1,525	1,450	235,000	145,000	126,000
Campbell	415	335	440	1,915	1,495	1,555	795,000	500,000	685,000
Carter	1,040	720	770	1,855	1,470	1,525	1,930,000	1,060,000	1,175,000
Claiborn	2,200	1,850	2,180	2,085	1,785	1,895	4,590,000	3,300,000	4,135,000
Cocke	1,550	1,170	1,270	2,015	1,495	1,745	3,120,000	1,750,000	2,215,000
Grainger	1,300	1,120	1,210	2,115	1,855	1,870	2,750,000	2,075,000	2,260,000
Greene	4,850	3,850	4,160	2,030	1,470	1,725	9,840,000	5,650,000	7,180,000
Hamblen	880	740	814	2,225	1,755	1,745	1,960,000	1,300,000	1,420,000
Hamiliton	12	16	--	2,000	1,765	--	24,000	28,200	--
Hancock	1,010	900	1,070	2,160	1,620	1,905	2,180,000	1,460,000	2,040,000
Hawkins	2,300	1,910	2,130	2,115	1,570	1,735	4,870,000	3,000,000	3,700,000
Jefferson	1,250	1,100	1,130	2,030	1,865	1,675	2,540,000	2,050,000	1,890,000
Johnson	1,150	910	1,090	2,010	1,735	1,585	2,310,000	1,580,000	1,730,000
Knox	610	440	440	1,850	1,615	1,595	1,130,000	710,000	702,000
Loudon	570	440	440	1,945	1,525	1,535	1,110,000	670,000	675,000
McMinn	670	580	590	1,925	1,605	1,580	1,290,000	930,000	931,000
Meigs	195	195	190	2,020	2,050	1,595	394,000	400,000	303,000
Monroe	880	660	640	1,840	1,415	1,520	1,620,000	935,000	973,000
Polk	23	13	9	1,915	1,560	1,555	44,000	20,300	14,000
Rhea	43	36	34	1,930	1,765	1,610	83,000	63,500	54,800
Roane	240	265	235	2,000	1,805	1,520	480,000	478,000	357,000
Sevier	1,200	960	910	2,060	1,615	1,625	2,470,000	1,550,000	1,480,000
Sullivan	1,420	960	1,160	1,970	1,565	1,580	2,800,000	1,500,000	1,830,000
Unicoi	450	390	400	2,055	1,460	1,475	925,000	570,000	590,000
Union	780	620	690	1,985	1,595	1,875	1,550,000	990,000	1,295,000
Washington	2,060	1,850	2,060	2,225	1,540	1,640	4,580,000	2,850,000	3,380,000
District 60	28,070	22,765	24,744	2,040	1,605	1,700	57,250,000	36,575,000	42,070,800
Other Counties	19	16	20	1,965	1,720	1,550	37,300	27,500	31,000
State (Burley)	49,000	39,000	43,000	2,030	1,590	1,705	99,470,000	62,010,000	73,315,000
State Total (All Tobacco)	61,710	49,240	49,440	2,065	1,682	1,766	127,403,000	82,821,000	87,291,000

1/ Yield derived to nearest 5 pounds, except all tobacco to nearest pound.

TOBACCO: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1988, 1989, AND 1990

District and County	Acreage Harvested			Yield 1/ Pounds Per Acre			Production In Pounds		
	1988	1989	1990	1988	1989	1990	1988	1989	1990
Eastern Dark-Fired (Type 22)									
Cheatham	580	630	**675**	2,395	1,905	**2,320**	1,390,000	1,200,000	**1,565,000**
Dickson	545	625	**660**	2,440	1,895	**2,280**	1,330,000	1,185,000	**1,504,000**
Houston	90	105	**110**	2,320	1,905	**2,455**	209,000	200,000	**270,000**
Montgomery	1,530	1,755	**1,675**	2,345	1,910	**2,230**	3,591,000	3,350,000	**3,738,000**
Robertson	2,320	2,765	**2,840**	2,445	1,950	**2,360**	5,670,000	5,396,000	**6,705,000**
Stewart	405	470	**490**	2,175	1,905	**2,295**	880,000	895,000	**1,125,000**
Davidson	46	50	**43**	1,810	1,320	**1,720**	83,300	66,000	**74,000**
Sumner	82	98	**105**	2,440	1,890	**2,160**	200,000	185,000	**227,000**
Other Counties	2	2	**2**	1,350	1,500	**2,500**	2,700	3,000	**5,000**
STATE	5,600	6,500	**6,600**	2,385	1,920	**2,305**	13,356,000	12,480,000	**15,213,000**
Western Dark-Fired (Type 23)									
Henry	360	415	**410**	2,450	2,245	**2,520**	882,000	932,000	**1,033,000**
Weakley	74	81	**79**	2,445	2,150	**2,410**	180,800	174,000	**190,500**
Other Counies	6	4	**1**	2,535	1,000	**1,500**	15,200	4,000	**1,500**
STATE	440	500	**490**	2,450	2,220	**2,500**	1,078,000	1,110,000	**1,225,000**
Dark Air-Cured (Type 35)									
Henry	5	5	**5**	2,200	1,720	**2,240**	11,000	8,600	**11,200**
Weakley	16	17	**17**	2,340	2,090	**2,205**	37,400	35,500	**37,500**
Montgomery	15	17	**16**	2,065	1,790	**2,125**	31,000	30,400	**34,000**
Robertson	275	290	**290**	2,090	1,725	**2,100**	575,000	500,000	**609,000**
Macon	25	23	**21**	2,120	1,585	**1,950**	53,000	36,500	**41,000**
Sumner	134	139	**140**	2,110	1,755	**1,895**	283,000	244,000	**265,000**
Other Counties	10	9	**11**	1,760	1,665	**2,025**	17,600	15,000	**22,300**
STATE	480	500	**500**	2,100	1,740	**2,040**	1,008,000	870,000	**1,020,000**
Burley (Type 31)									
Cheatham	135	115	**160**	1,865	1,880	**2,055**	252,000	216,000	**329,000**
Dickson	110	90	**135**	1,880	1,720	**1,950**	207,000	155,000	**263,000**
Hickman	90	75	**110**	1,835	1,800	**1,920**	165,000	135,000	**211,000**
Houston	70	58	**75**	1,855	1,660	**1,985**	130,000	96,200	**149,000**
Humphreys	12	11	**18**	1,915	1,910	**2,020**	23,000	21,000	**36,400**
Lawrence	195	130	**210**	2,005	1,590	**1,910**	391,000	207,000	**401,000**
Lewis	35	18	**32**	1,600	1,555	**1,830**	56,000	28,000	**58,500**
Montgomery	890	790	**1,035**	2,055	1,835	**1,960**	1,830,000	1,450,000	**2,030,000**
Robertson	960	960	**1,170**	2,200	1,790	**2,175**	2,112,000	1,720,000	**2,545,000**
Stewart	250	220	**315**	1,775	1,805	**1,865**	444,000	397,000	**588,000**
District 30	2,747	2,467	**3,260**	2,040	1,795	**2,030**	5,610,000	4,425,200	**6,610,900**
Bedford	135	80	**135**	1,780	1,625	**1,815**	240,000	130,000	**245,000**
Cannon	150	90	**165**	1,635	1,620	**2,140**	245,000	146,000	**353,000**
Clay	490	535	**695**	1,995	1,795	**1,940**	978,000	960,000	**1,350,000**
Davidson	50	40	**47**	1,620	1,725	**1,785**	81,000	69,000	**84,000**
Dekalb	620	360	**650**	1,720	1,415	**1,900**	1,066,000	510,000	**1,235,000**
Giles	280	190	**255**	1,740	1,275	**1,815**	487,000	242,000	**463,000**
Jackson	710	610	**840**	1,710	1,755	**1,895**	1,213,000	1,070,000	**1,590,000**
Lincoln	435	350	**490**	1,770	1,290	**1,830**	770,000	452,000	**897,000**
Macon	1,400	1,800	**2,040**	1,665	1,665	**2,175**	2,330,000	3,000,000	**4,440,000**
Marshall	325	250	**355**	1,545	1,490	**1,820**	502,000	373,000	**646,000**
Maury	1,250	1,240	**1,300**	1,800	1,405	**1,875**	2,250,000	1,745,000	**2,435,000**
Moore	210	160	**164**	1,895	1,305	**1,900**	398,000	209,000	**312,000**
Rutherford	50	37	**44**	1,700	1,300	**1,820**	85,000	48,000	**80,000**
Smith	1,440	1,240	**1,625**	1,850	1,640	**2,110**	2,664,000	2,035,000	**3,425,000**
Sumner	2,230	1,800	**2,300**	1,955	1,855	**2,145**	4,363,000	3,340,000	**4,930,000**
Trousdale	840	755	**1,110**	2,140	1,695	**2,070**	1,798,000	1,280,000	**2,295,000**
Williamson	790	760	**860**	2,135	1,855	**2,165**	1,687,000	1,410,000	**1,860,000**
Wilson	650	415	**615**	1,870	1,565	**1,945**	1,217,000	650,000	**1,195,000**
District 40	12,055	10,712	**13,690**	1,855	1,650	**2,035**	22,374,000	17,669,000	**27,835,000**

1/ Yield derived to nearest 5 pounds, except all tobacco to nearest pound.

TOBACCO: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1988, 1989, AND 1990

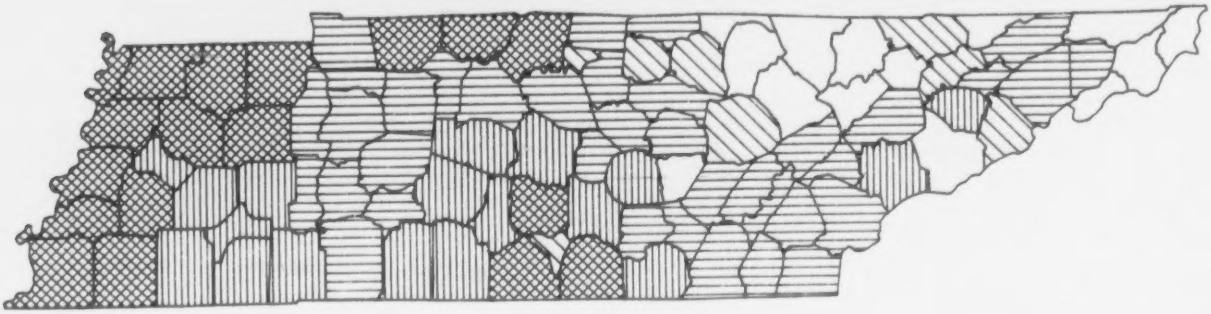
District and County	Acreage Harvested			Yield 1/ Pounds Per Acre			Production In Pounds		
	1988	1989	1990	1988	1989	1990	1988	1989	1990
				Burley (Type 31)					
Bledsoe	2/	2/	6	2/	2/	1,965	2/	2/	11,800
Coffee	20	11	16	2,100	1,910	1,865	42,000	21,000	29,800
Cumberland	120	78	108	1,940	1,390	1,695	233,000	108,500	183,000
Fentress	165	160	235	1,830	1,615	1,860	302,000	258,000	437,000
Franklin	110	70	130	1,810	1,450	1,660	199,000	101,500	216,000
Marion	2/	2/	7	2/	2/	1,615	2/	2/	11,300
Morgan	43	25	58	1,820	1,685	1,950	78,300	42,100	113,000
Overton	330	345	385	1,795	1,625	1,995	592,000	560,000	768,000
Pickett	360	330	475	1,815	1,865	1,960	654,000	616,000	932,000
Putnam	695	590	710	1,740	1,475	2,125	1,208,000	870,000	1,510,000
Scott	17	7	11	1,880	1,530	1,665	32,000	10,700	18,300
Van Buren	27	20	20	1,425	1,350	1,640	38,500	27,000	32,800
Warren	115	69	125	1,785	1,480	1,930	205,000	102,000	241,000
White	525	390	610	1,940	1,755	2,140	1,018,000	685,000	1,305,000
District 50	2,527	2,095	2,896	1,820	1,625	2,005	4,601,800	3,401,800	5,809,000
Anderson	95	50	65	1,790	1,500	1,940	170,000	75,000	126,000
Blount	420	330	396	1,900	1,585	1,950	798,000	523,000	772,000
Bradley	80	55	60	1,840	1,565	1,985	147,200	86,000	119,000
Campbell	360	340	390	1,645	1,735	1,980	593,000	590,000	773,000
Carter	770	610	705	1,745	1,965	2,080	1,345,000	1,200,000	1,465,000
Claiborne	2,050	2,100	2,500	1,920	2,065	2,135	3,938,000	4,340,000	5,340,000
Cocke	1,320	1,180	1,465	1,755	1,600	2,055	2,317,000	1,890,000	3,010,000
Grainger	1,250	1,300	1,460	1,890	1,830	2,040	2,361,000	2,380,000	2,975,000
Greene	4,320	4,570	4,775	1,845	1,505	2,090	7,963,000	6,885,000	9,975,000
Hamblen	780	690	820	1,900	1,995	1,955	1,484,000	1,375,000	1,605,000
Hancock	1,120	1,030	1,160	1,920	1,935	2,175	2,153,000	1,995,000	2,525,000
Hawkins	2,140	2,100	2,480	1,685	1,760	2,080	3,609,000	3,700,000	5,155,000
Jefferson	1,090	980	1,055	1,965	1,800	2,230	2,140,000	1,765,000	2,355,000
Johnson	1,150	1,070	1,190	1,950	2,035	2,165	2,243,000	2,180,000	2,575,000
Knox	340	240	270	1,725	1,645	2,010	587,000	395,000	542,000
Loudon	405	380	420	1,800	1,435	2,010	730,000	545,000	845,000
McMinn	550	300	450	1,805	1,750	2,080	994,000	525,000	935,000
Meigs	190	80	150	1,620	1,440	1,935	308,000	115,000	290,000
Monroe	650	490	630	1,745	1,430	1,895	1,135,000	700,000	1,195,000
Polk	11	2/	7	1,680	2/	1,830	18,500	2/	12,800
Rhea	26	6	21	1,730	1,785	1,795	45,000	10,700	37,700
Roane	180	110	160	1,650	1,400	1,940	297,000	154,000	310,000
Sevier	850	600	644	1,810	1,630	2,055	1,538,000	977,000	1,325,000
Sullivan	1,250	1,150	1,275	1,735	1,930	2,055	2,166,000	2,220,000	2,620,000
Unicoi	350	360	330	1,790	1,475	1,990	626,000	531,000	656,000
Union	610	590	730	1,920	1,905	2,035	1,171,000	1,124,000	1,485,000
Washington	2,300	2,000	2,540	1,835	1,780	2,155	4,216,000	3,557,000	5,470,000
District 60	24,657	22,711	26,148	1,830	1,755	2,085	45,092,700	39,837,700	54,493,500
Other Counties	14	15	6	1,535	1,755	1,935	21,500	26,300	11,600
State (Burley)	42,000	38,000	46,000	1,850	1,720	2,060	77,700,000	65,360,000	94,760,000
State Total (All Tobacco)	48,520	45,500	53,590	1,920	1,754	2,094	93,142,000	79,820,000	112,218,000

1/ Yield derived to nearest 5 pounds, except all tobacco to nearest pound.

2/ Combined with other counties.

Wheat

Gloomy Wheat Harvest In 1990



WHEAT PRODUCTION

TOP FIVE COUNTIES

1.	DYER	2,445,000
2.	OBION	1,930,000
3.	GIBSON	1,358,000
4.	LAUDERDALE	1,280,000
5.	ROBERTSON	1,025,000

Tennesee wheat growers produced 36 bushels per acre in 1990, compared with 42 bushels per acre in 1989, a record 50 bushels in 1988, and the ten-year average of 38.8 bushels per acre. Farmers expanded wheat-for-grain acreage by 9 percent to 490,000 acres, hoping for prices similar to 1988 and 1989 levels. However, prices dropped even though production was lower than the past two years.

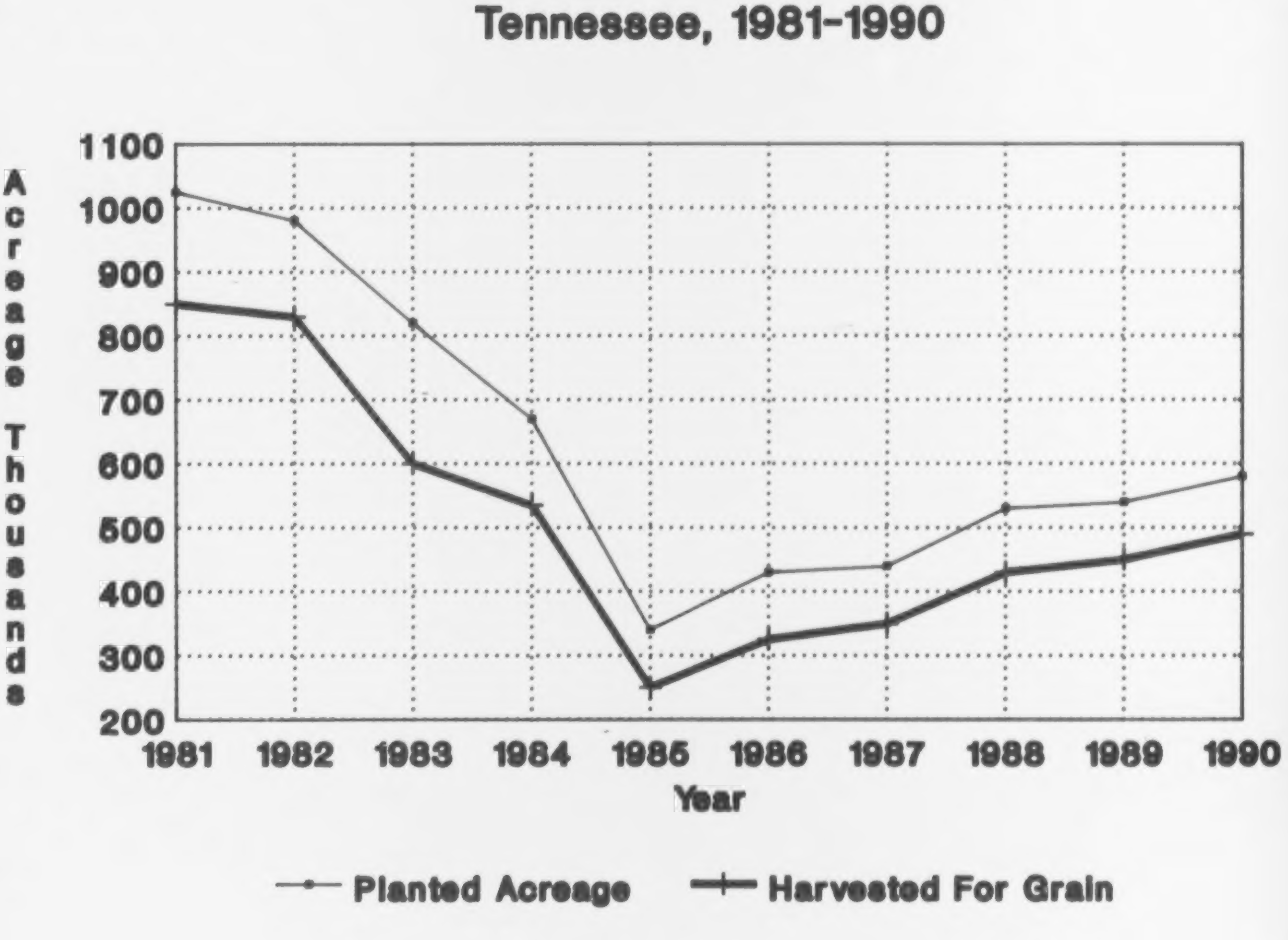
Before harvest, the wheat crop looked good. When the combines began rolling, however, it was apparent that the April and May cold snaps, excessive rainfall, diseases, insects, and weeds had taken a big toll.

The 1990 wheat crop was valued at $53.8 million. The market year average price received by farmers was $3.05, down $0.60 from 1989.

WHEAT: ACREAGE, PRODUCTION, AND VALUE, TENNESSEE, 1981-1990

Crop Year	Acreage		Yield Per Acre	Production	Market Year Average	Value of Production
	Planted	Harvested				
	1,000 Acres		Bushels	1,000 Bushels	Dollars Per Bushel	1,000 Dollars
1981	1,025	850	44.0	37,400	3.50	130,900
1982	980	830	36.0	29,880	3.00	89,640
1983	820	600	33.0	19,800	3.30	65,340
1984	670	535	40.0	21,400	3.30	70,620
1985	340	250	32.0	8,000	3.00	24,000
1986	430	325	33.0	10,725	2.50	26,813
1987	440	350	40.0	14,000	2.60	36,400
1988	530	430	50.0	21,500	3.44	73,960
1989	540	450	42.0	18,900	3.65	68,985
1990	580	490	36.0	17,640	3.05	53,802

WHEAT: PLANTED & HARVESTED FOR GRAIN



WHEAT: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1981-1990[1/]

Crop Year	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Marketing Year Average
						Dollars Per Bushel							
1981	3.60	3.10	3.30	3.30	3.50	3.60	3.50	3.60	3.50	3.40	3.50	3.40	3.50
1982	3.00	3.10	3.00	3.00	2.90	3.00	2.90	2.70	3.20	3.15	3.25	3.35	3.00
1983	3.20	3.30	3.70	3.50	3.50	3.40	3.40	3.50	3.30	3.55	3.70	3.55	3.30
1984	3.30	3.30	3.35	3.35	3.35	3.50	3.45	3.50	3.50	3.50	3.60	3.20	3.30
1985	3.10	3.00	2.60	2.50	2.65	3.00	3.10	3.00	3.05	3.05	2.90	2.75	3.00
1986	2.50	2.50	2.40	2.35	2.50	2.65	2.70	2.75	2.55	2.50	2.40	2.75	2.50
1987	2.60	2.40	2.40	2.55	2.70	2.70	2.80	2.95	3.00	3.00	3.00	3.15	2.60
1988	3.40	3.35	3.45	3.60	3.45	3.50	3.70	3.85	3.85	3.85	3.70	3.80	3.44
1989	3.70	3.75	3.75	3.40	3.45	3.50	3.55	3.35	3.30	3.40	3.25	3.25	3.65
1990	3.20	2.90	2.70	2.60	2.75	2.65	2.60	2.60	2.60	2.80			3.05[2/]

[1/] Marketing year is June 1 of the current year through May 31 of the following year.

[2/] Preliminary, based on the first ten months of the marketing year.

WHEAT: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1985, 1986, AND 1987

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harvested Acre			Production For Grain		
	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
	Acres									Bushels		
Dyer	27,500	37,000	39,000	25,000	34,400	38,000	30	35	41	760,000	1,200,000	1,540,000
Lake	8,000	11,000	16,000	6,500	10,000	15,400	32	41	44	205,000	410,000	680,000
Lauderdale	13,000	15,500	25,000	9,500	13,300	24,000	26	37	44	250,000	490,000	1,060,000
Obion	19,000	27,000	38,000	17,500	25,000	37,000	30	35	44	520,000	880,000	1,630,000
Shelby	6,000	6,500	6,000	5,500	5,800	5,800	25	39	40	135,000	225,000	230,000
Tipton	7,500	10,000	12,000	6,000	9,500	11,800	25	38	44	150,000	365,000	515,000
District 10	81,000	107,000	136,000	70,000	98,000	132,000	29	36	43	2,020,000	3,570,000	5,655,000
Benton	1,000	1,100	1,200	800	900	900	35	29	34	28,000	26,500	31,000
Carroll	7,500	7,500	5,900	6,700	6,600	5,200	33	33	38	220,000	220,000	200,000
Chester	2,500	2,500	2,100	2,000	2,100	1,900	35	33	42	70,000	69,000	80,000
Crockett	3,000	3,000	3,600	2,700	2,800	3,300	32	38	42	86,000	105,000	140,000
Decatur	1,400	1,900	1,800	1,100	1,600	1,500	28	25	27	31,000	39,500	40,000
Fayette	8,000	9,100	7,500	6,000	7,200	5,900	28	38	38	170,000	270,000	225,000
Gibson	21,000	36,000	28,000	17,000	30,000	25,300	31	38	45	520,000	1,125,000	1,140,000
Hardeman	4,000	4,600	3,700	3,000	3,500	3,000	27	27	37	80,000	95,000	110,000
Hardin	3,000	4,200	4,200	2,200	3,500	3,600	31	33	41	68,000	115,000	146,000
Haywood	5,000	6,500	9,000	4,200	5,600	8,500	33	37	42	137,000	205,000	359,000
Henderson	2,100	2,400	2,500	1,600	1,900	2,000	31	32	31	50,000	60,000	62,000
Henry	7,000	14,000	14,000	6,100	12,500	12,400	32	34	44	194,000	430,000	540,000
McNairy	3,500	4,000	2,000	2,800	3,400	1,800	31	34	36	88,000	115,000	65,000
Madison	3,000	3,500	4,200	2,600	3,000	3,700	35	37	42	90,000	110,000	155,000
Weakley	12,000	20,700	20,300	11,200	19,400	19,000	32	35	44	363,000	675,000	827,000
District 20	84,000	121,000	110,000	70,000	104,000	98,000	31	35	42	2,195,000	3,660,000	4,120,000
Cheatham	800	1,000	950	600	800	900	34	32	38	20,500	25,500	34,000
Dickson	700	700	500	500	500	400	34	33	41	17,000	16,700	16,500
Hickman	1,200	1,500	1,100	800	1,000	800	29	30	36	23,000	30,000	29,000
Humphreys	500	800	800	400	700	700	37	33	40	14,700	23,300	28,000
Lawrence	4,000	6,400	5,500	2,400	3,700	3,200	33	22	32	80,000	80,000	101,000
Montgomery	5,000	9,500	11,400	3,500	7,000	9,600	33	26	43	115,000	180,000	408,000
Perry	600	500	1/	400	400	1/	35	32	1/	14,000	12,800	1/
Robertson	17,500	24,000	28,000	13,900	19,500	23,200	35	32	39	480,000	619,000	910,000
Wayne	3,000	2,900	700	2,100	2,100	500	30	21	28	62,000	43,600	14,000
Other 1/	700	700	1,050	400	300	700	35	30	42	13,800	9,100	29,500
District 30	34,000	48,000	50,000	25,000	36,000	40,000	34	29	39	840,000	1,040,000	1,570,000

1/ Less than 500 acres planted for all purposes, combined with other counties.

WHEAT: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1985, 1986, AND 1987

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harvested Acre			Production For Grain		
	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
	Acres						Bushels					
Bedford	5,500	8,000	10,800	3,700	4,900	6,800	31	25	34	115,000	121,000	230,000
Cannon	1,000	1,300	2,200	700	800	900	31	26	29	22,000	21,000	26,000
Clay	600	600	500	400	400	300	31	30	33	12,500	12,000	10,000
Davidson	700	800	600	500	600	400	30	25	25	14,800	15,000	10,000
DeKalb	1,500	1,700	2,000	1,000	1,100	1,400	32	24	26	32,000	26,000	36,000
Giles	3,900	3,400	3,400	2,400	1,600	1,400	33	29	36	78,000	46,000	51,000
Lincoln	9,600	11,000	9,000	5,400	6,600	5,400	35	26	28	187,000	170,000	152,000
Macon	1,700	2,000	1,200	1,000	1,100	600	35	26	31	35,000	28,600	18,500
Marshall	6,500	7,000	3,500	3,000	3,100	1,400	36	26	38	107,000	80,000	53,000
Maury	5,500	7,000	7,300	4,000	4,200	4,300	31	25	32	125,000	105,000	138,000
Moore	1/	800	700	1/	350	300	1/	27	38	1/	9,500	11,500
Rutherford	6,500	8,000	6,100	4,500	4,600	3,400	28	23	29	127,000	106,000	100,000
Smith	1/	1/	500	1/	1/	300	1/	1/	37	1/	1/	11,000
Sumner	6,000	7,000	7,300	5,000	5,700	5,700	34	31	38	170,000	175,000	214,000
Trousdale	500	600	1/	350	350	1/	29	26	1/	10,000	9,000	1/
Williamson	7,000	7,000	6,700	4,100	3,900	3,700	29	25	31	117,000	97,000	115,000
Wilson	3,500	3,000	1,400	1,400	1,300	400	32	29	38	45,000	38,000	15,000
Other 1/	1,000	800	800	550	400	300	32	27	30	17,700	10,900	9,000
District 40	61,000	70,000	64,000	38,000	41,000	37,000	32	26	32	1,215,000	1,070,000	1,200,000
Bledsoe	2,100	2,200	2,400	1,500	1,400	1,300	37	34	42	55,000	48,000	55,000
Coffee	7,000	8,000	6,100	4,300	3,900	4,000	34	28	32	145,000	109,000	128,000
Cumberland	1,000	1,000	500	500	500	200	36	30	40	18,000	15,000	8,000
Fentress	600	600	500	300	300	200	33	23	28	10,000	6,800	5,500
Franklin	16,500	19,200	14,400	14,700	16,300	12,000	37	32	33	540,000	515,000	401,000
Grundy	700	800	1,200	600	600	900	37	37	37	22,000	22,000	33,000
Marion	1,500	1,900	1,500	1,300	1,400	1,100	31	29	30	40,000	41,000	33,000
Overton	600	600	800	400	300	500	38	28	32	15,300	8,500	16,000
Putnam	800	1,000	900	300	500	400	32	30	35	9,500	15,000	14,000
Sequatchie	800	800	700	500	400	400	39	33	35	19,700	13,200	14,000
Warren	6,500	5,600	5,000	3,500	2,800	2,600	33	28	33	115,000	78,000	85,000
White	2,000	2,100	1,700	1,100	900	800	39	31	38	43,000	28,000	30,000
Other 1/	900	1,200	1,300	500	700	600	35	29	28	17,500	20,500	16,500
District 50	41,000	45,000	37,000	29,500	30,000	25,000	36	31	34	1,050,000	920,000	839,000
Blount	5,000	5,000	6,000	2,800	3,000	3,600	43	36	38	120,000	108,000	135,000
Bradley	2,100	2,000	2,200	600	500	400	38	26	31	23,000	13,200	12,500
Claiborne	500	600	1/	100	100	1/	34	23	1/	3,400	2,300	1/
Cocke	500	500	800	300	300	500	41	25	29	12,200	7,500	14,500
Grainger	500	1/	500	250	1/	200	37	1/	35	9,200	1/	7,000
Greene	2,500	2,500	3,500	800	700	1,100	44	33	33	35,000	23,000	36,000
Hamblen	900	1,000	1,300	500	450	600	38	31	35	19,000	14,000	21,000
Hamilton	900	900	900	500	450	450	35	22	30	17,400	10,000	13,300
Hawkins	800	800	1,000	500	400	400	42	25	40	21,000	10,000	16,000
Jefferson	2,500	2,300	2,800	1,400	1,100	1,400	40	30	40	56,000	33,000	56,000
Johnson	500	500	500	100	100	50	36	30	30	3,600	3,000	1,500
Knox	900	1,000	1,000	400	350	350	39	30	33	15,500	10,400	11,600
Loudon	2,100	2,200	2,400	1,200	1,100	1,100	40	32	33	48,500	35,000	36,000
McMinn	4,500	4,000	3,800	1,700	1,400	1,200	39	30	44	66,500	42,000	52,500
Meigs	2,100	2,100	2,100	1,000	1,000	1,200	42	30	36	42,000	30,000	43,500
Monroe	4,900	5,100	5,000	2,400	2,100	1,900	35	23	29	85,000	49,000	55,000
Polk	2,700	3,000	3,400	1,000	1,300	1,900	31	23	30	31,000	30,000	57,000
Rhea	2,200	2,100	2,300	900	700	800	36	29	29	32,000	20,000	23,000
Sevier	700	600	600	300	200	200	42	27	26	12,500	5,300	5,200
Washington	900	900	900	400	300	300	35	24	28	14,000	7,100	8,300
Other 1/	1,300	1,900	2,000	350	450	350	38	27	32	13,200	12,200	11,100
District 60	39,000	39,000	43,000	17,500	16,000	18,000	39	29	34	680,000	465,000	616,000
State	340,000	430,000	440,000	250,000	325,000	350,000	32	33	40	8,000,000	10,725,000	14,000,000

1/Less than 500 acres planted for all purposes, combined with other counties.

WHEAT: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1988, 1989, AND 1990

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harvested Acre			Production For Grain		
	1988	1989	1990	1988	1989	1990	1988	1989	1990	1988	1989	1990
	Acres									Bushels		
Dyer	46,000	49,000	62,500	45,000	48,300	62,100	50	45	39	2,270,000	2,150,000	2,445,000
Lake	18,000	20,000	24,500	17,400	19,800	24,300	52	44	38	900,000	880,000	920,000
Lauderdale	28,000	30,000	32,000	26,000	29,400	31,100	48	43	41	1,260,000	1,270,000	1,280,000
Obion	53,000	54,000	59,000	51,400	53,100	58,400	51	46	33	2,620,000	2,420,000	1,930,000
Shelby	8,000	11,000	15,500	7,500	10,600	14,800	47	41	34	350,000	430,000	510,000
Tipton	14,000	15,000	16,500	13,700	14,800	16,300	49	40	38	670,000	590,000	615,000
District 10	167,000	179,000	210,000	161,000	176,000	207,000	50	44	37	8,070,000	7,740,000	7,700,000
Benton	1,600	2,000	1,800	1,200	1,700	1,400	40	38	33	48,000	64,000	46,000
Carroll	6,500	7,300	7,300	5,700	6,400	6,800	48	45	35	275,000	285,000	240,000
Chester	2,300	2,000	2,100	2,100	1,800	2,000	43	43	31	91,000	77,000	62,000
Crockett	4,400	4,400	5,000	4,200	4,300	4,500	46	43	42	195,000	185,000	190,000
Decatur	2,400	1,800	1,600	2,100	1,600	1,500	45	37	29	95,000	59,000	44,000
Fayette	8,500	7,400	7,700	7,500	6,300	7,100	43	35	35	320,000	220,000	250,000
Gibson	29,700	34,000	37,000	28,000	33,200	36,200	47	46	38	1,315,000	1,515,000	1,358,000
Hardeman	4,300	3,900	5,200	3,500	3,600	4,900	43	35	33	150,000	125,000	160,000
Hardin	5,500	7,300	5,900	5,000	6,400	5,400	54	38	30	270,000	245,000	162,000
Haywood	11,000	8,800	8,700	10,700	8,400	7,900	47	43	37	500,000	360,000	290,000
Henderson	3,500	3,300	3,000	3,000	2,700	2,600	43	37	34	130,000	100,000	88,000
Henry	20,000	22,500	23,000	18,000	22,100	22,600	55	50	37	990,000	1,100,000	840,000
McNairy	2,000	1,800	2,000	1,900	1,700	1,900	41	35	29	78,000	60,000	55,000
Madison	4,300	4,500	4,700	4,000	4,200	4,500	43	40	37	170,000	170,000	165,000
Weakley	23,000	25,000	27,000	22,100	24,600	26,700	54	50	36	1,185,000	1,225,000	950,000
District 20	129,000	136,000	142,000	119,000	129,000	136,000	49	45	36	5,812,000	5,790,000	4,900,000
Cheatham	1,000	1,000	1,200	900	900	1,000	48	36	36	43,000	32,000	35,500
Dickson	700	600	800	600	400	600	48	35	33	29,000	14,000	20,000
Hickman	1,700	1,500	1,500	1,100	800	900	42	35	30	46,000	28,000	27,000
Houston	1/	1/	600	1/	1/	400	1/	1/	33	1/	1/	13,000
Humphreys	1,000	1,000	700	800	800	500	54	44	36	43,000	35,000	18,000
Lawrence	7,000	7,800	7,700	4,300	4,500	4,700	55	36	34	235,000	160,000	160,000
Lewis	1/	1/	500	1/	1/	400	1/	1/	31	1/	1/	12,500
Montgomery	12,000	12,400	11,400	10,500	11,000	10,300	58	44	42	610,000	487,000	430,000
Perry	600	1,400	1,600	500	1,100	1,200	1/	39	28	27,000	43,000	34,000
Robertson	29,000	29,000	31,000	26,900	25,800	27,300	50	41	38	1,350,000	1,050,000	1,025,000
Stewart	1/	500	900	1/	400	800	1/	38	38	1/	15,000	30,000
Wayne	1,000	1,100	1,100	700	900	900	44	34	28	31,000	31,000	25,000
Other 1/	1,000	700	0	700	400	0	51	38	--	36,000	15,000	0
District 30	55,000	57,000	59,000	47,000	47,000	49,000	52	41	37	2,450,000	1,910,000	1,830,000

1/ Less than 500 acres planted for all purposes, combined with other counties.

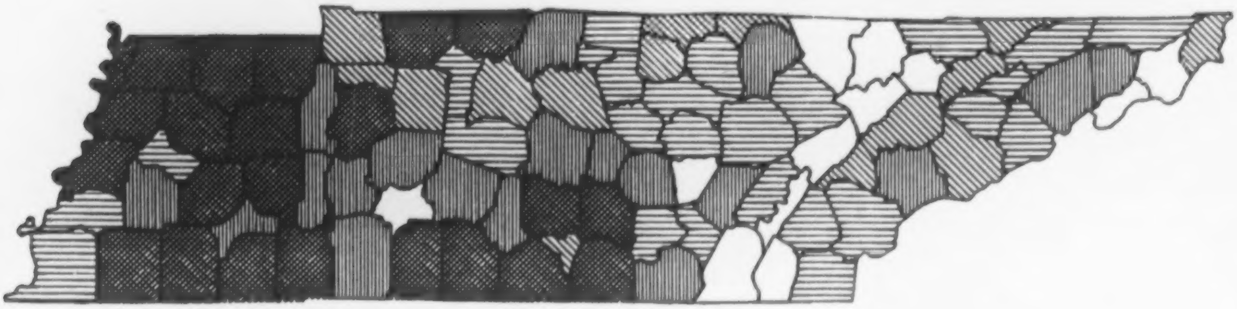
WHEAT: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1988, 1989, AND 1990

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harvested Acre			Production For Grain		
	1988	1989	1990	1988	1989	1990	1988	1989	1990	1988	1989	1990
	Acres						Bushels					
Bedford	12,500	12,000	12,000	7,400	8,000	8,200	52	38	33	385,000	304,000	273,000
Cannon	3,100	3,000	3,200	1,500	1,400	1,400	42	36	31	63,000	50,000	43,000
Clay	700	1/	500	500	1/	300	50	1/	34	25,000	1/	10,200
Davidson	600	900	1,100	400	600	900	41	37	36	16,500	22,000	32,000
DeKalb	2,500	1,900	2,000	1,800	1,200	1,400	45	31	30	81,000	37,000	41,400
Giles	4,500	5,100	5,300	2,200	3,300	3,300	57	27	27	125,000	89,000	88,000
Jackson	1/	1/	500	1/	1/	300	1/	1/	30	1/	1/	9,000
Lincoln	12,000	12,500	12,000	7,400	8,900	8,200	54	34	29	400,000	300,000	235,000
Macon	2,000	1,400	2,000	1,300	1,000	1,700	46	39	29	60,000	39,000	48,500
Marshall	5,000	4,500	4,600	2,500	2,000	2,300	47	35	33	118,000	70,000	76,000
Maury	9,000	8,500	8,500	6,100	4,600	4,800	48	33	31	290,000	150,000	150,000
Moore	800	700	500	300	400	200	48	35	30	14,500	14,000	6,000
Rutherford	9,000	9,000	9,000	5,000	6,200	6,000	50	32	32	252,000	200,000	190,000
Smith	1/	600	900	1/	400	700	1/	33	31	1/	13,000	21,400
Sumner	8,000	8,000	8,200	5,900	5,800	6,200	47	42	36	275,000	244,000	226,000
Trousdale	700	600	700	500	400	300	42	33	30	21,000	13,000	8,900
Williamson	6,800	6,500	6,000	4,400	3,900	3,500	44	37	32	195,000	145,000	112,000
Wilson	3,000	3,000	3,000	1,500	1,400	1,300	50	30	34	75,000	42,000	44,600
Other 1/	800	800	0	300	500	0	47	36	--	14,000	18,000	0
District 40	81,000	79,000	80,000	49,000	50,000	51,000	49	35	32	2,410,000	1,750,000	1,615,000
Bledsoe	2,400	2,300	2,300	1,300	1,300	1,300	49	26	29	64,000	34,000	38,000
Coffee	8,300	9,000	9,000	6,300	5,300	5,300	53	26	30	335,000	137,000	159,000
Cumberland	800	700	600	400	300	300	48	27	27	19,000	8,000	8,100
Fentress	600	500	1/	300	200	1/	40	30	1/	12,000	6,000	1/
Franklin	16,000	15,000	15,600	12,800	12,500	12,800	55	40	35	707,000	500,000	442,000
Grundy	1,500	1,600	1,800	1,100	1,200	1,300	48	35	34	53,000	42,000	44,000
Marion	1,900	2,400	2,400	1,400	1,800	1,900	53	37	34	74,000	67,000	65,000
Morgan	500	1/	1/	300	1/	1/	44	1/	1/	13,200	1/	1/
Overton	900	600	600	600	300	300	50	35	28	30,000	10,500	8,400
Putnam	1,100	1,300	1,000	600	600	500	50	33	32	30,000	20,000	16,000
Sequatchie	1,000	900	1,000	600	500	600	52	32	35	31,000	16,000	21,000
Van Buren	500	1/	1/	250	1/	1/	40	1/	1/	10,000	1/	1/
Warren	8,400	7,400	7,400	4,400	4,100	3,900	49	34	30	215,000	140,000	116,000
White	2,500	2,100	1,700	1,300	1,200	900	51	38	36	66,000	45,000	32,100
Other 1/	600	1,200	1,600	350	700	900	45	35	34	15,800	24,500	30,400
District 50	47,000	45,000	45,000	32,000	30,000	30,000	52	35	33	1,675,000	1,050,000	980,000
Blount	6,000	6,000	6,000	3,400	3,700	3,800	55	42	39	186,000	154,000	150,000
Bradley	2,500	2,600	2,500	700	700	600	46	37	36	32,000	26,000	21,500
Claiborne	600	500	800	200	100	200	40	35	33	8,000	3,500	6,600
Cocke	800	600	600	400	300	200	45	45	41	18,000	13,500	8,200
Grainger	700	800	900	300	200	200	50	40	43	15,000	8,000	8,500
Greene	4,700	4,100	4,100	1,700	1,500	1,500	46	34	27	78,000	51,000	41,000
Hamblen	1,900	1,400	1,400	900	700	700	40	39	40	36,000	27,000	28,000
Hamilton	1,200	1,300	1,200	600	600	500	40	17	30	24,000	10,000	15,000
Hawkins	1,400	1,100	1,100	600	700	700	46	40	31	27,300	28,000	22,000
Jefferson	3,500	2,500	2,500	1,700	1,400	1,500	59	41	40	100,000	57,000	59,800
Johnson	500	1/	1/	100	1/	1/	40	1/	1/	4,000	1/	1/
Knox	1,100	1,100	1,100	400	600	500	41	35	40	16,500	21,000	20,000
Loudon	3,100	2,400	2,000	1,300	900	600	39	37	35	51,000	33,000	21,100
McMinn	5,000	5,100	5,300	1,800	1,300	1,100	56	38	35	100,000	49,000	38,500
Meigs	3,000	1,900	1,900	1,550	800	700	57	34	41	89,000	27,000	29,000
Monroe	5,300	4,500	4,200	2,600	1,600	1,200	50	31	31	130,000	50,000	37,000
Polk	3,000	2,800	2,400	1,500	1,200	800	45	38	40	68,000	45,000	32,000
Rhea	3,000	2,000	2,500	1,000	700	900	44	27	30	44,000	19,000	27,000
Roane	1/	1/	600	1/	1/	400	1/	1/	32	1/	1/	12,800
Sevier	700	500	1/	300	300	1/	45	40	1/	13,600	12,000	1/
Sullivan	500	1/	1/	150	1/	1/	44	1/	1/	6,600	1/	1/
Washington	1,200	900	1,000	400	200	400	44	40	45	17,700	8,000	18,000
Other 1/	1,300	1,900	1,900	400	500	500	46	36	38	18,300	18,000	19,000
District 60	51,000	44,000	44,000	22,000	18,000	17,000	49	37	36	1,083,000	660,000	615,000
State	530,000	540,000	580,000	430,000	450,000	490,000	50	42	36	21,500,000	18,900,000	17,640,000

1/ Less than 500 acres planted for all purposes, combined with other counties.

Corn

Dry June Limits Corn Production



CORN PRODUCTION

BUSHELS

▩ 150,000 AND OVER
▥ 50,000–149,9999
▤ 25,000–49,99
▧ 5,000–24,9999
□ UNDER 5,000

TOP FIVE COUNTIES

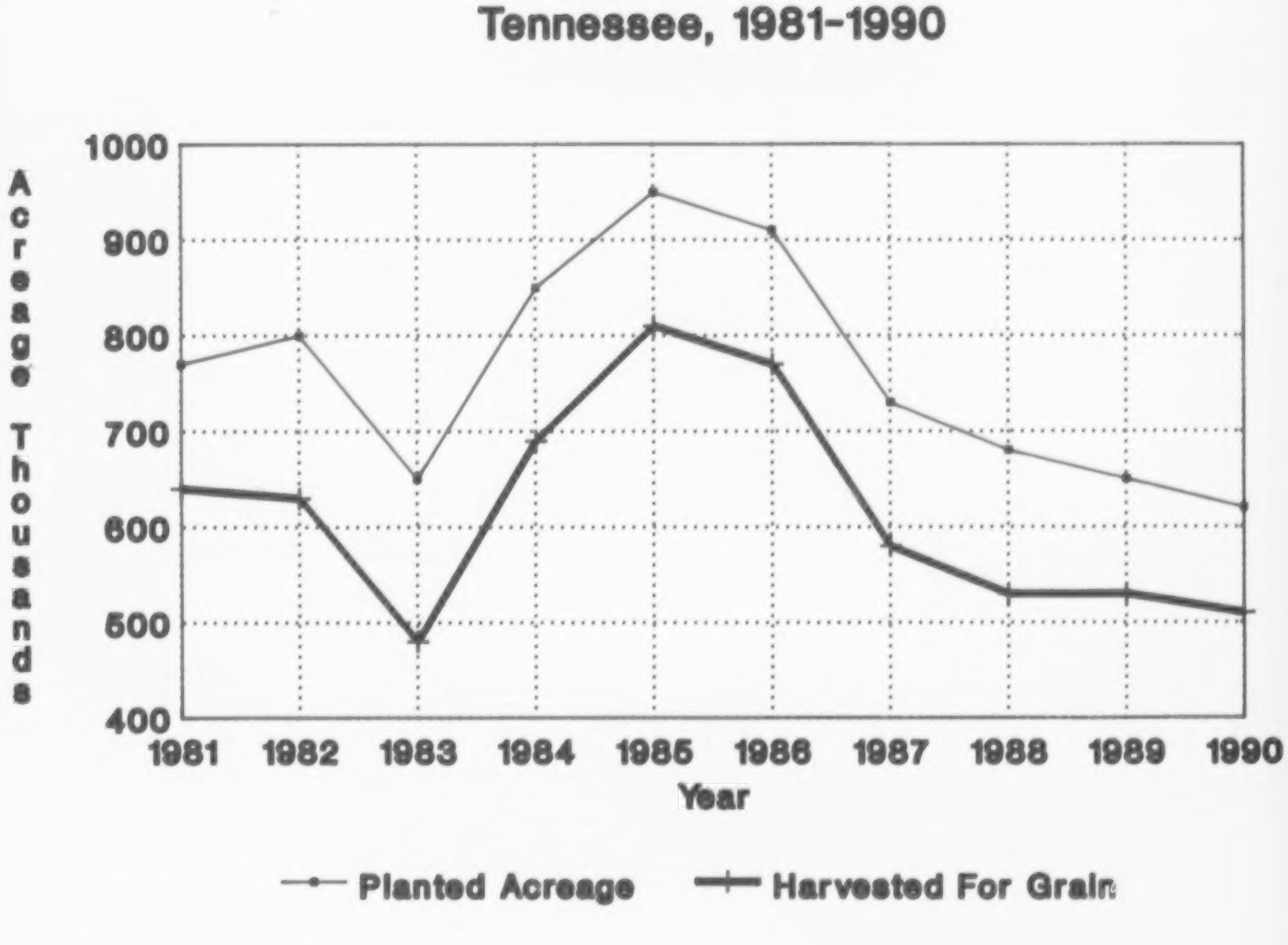
1.	OBION	5,200,000
2.	WEAKLEY	3,640,000
3.	GIBSON	3,050,000
4.	HENRY	2,190,000
5.	FRANKLIN	1,640,000

A repeat of the fabulous 1989 corn crop was not to be in 1990 as abnormally dry, hot June weather diminished the crop. When the corn was in the bins, however, the state's 86 bushels per acre was much closer to the five-year average of 88.6 than anticipated. The average yeild in 1989 was a record 107 bushels per acre. Farmers in the major corn-producing counties in West Tennessee and in East Tennessee reported good yields, but these were offset by relatively poor yields elsewhere. A total of 510,000 acres were utilized for grain. Corn production totaled 43.86 million bushels. Silage was cut on 100,000 additional acres with a realized yield of 16.0 tons per acre. Silage production amounted to 1.6 million tons. The corn for grain crop was valued at $105.3 million, down from $141.8 million in 1989. Corn prices averaged $2.40 per bushel, down $0.10 from 1989. Corn for grain ranked as Tennessee's fifth leading valued crop behind soybeans, tobacco, cotton, and hay.

CORN: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1981-1990

Crop Year	Planted For All Purposes	Harvested For Grain	Yield Per Acre	Production For Grain	Marketing Year Average Price	Value Of Grain Production	Acreage Harvested For Silage	Yield Per Acre	Silage Production
	1,000 Acres	Bushels	1,000 Bushels	Dollars Per Bushel	1,000 Dollars	1,000 Acres	Tons	1,000 Tons	
1981	770	640	84.0	53,760	2.70	145,152	118	16.5	1,947
1982	800	630	90.0	56,700	2.65	150,255	150	16.5	2,475
1983	650	480	48.0	23,040	3.65	84,096	145	12.5	1,813
1984	850	690	95.0	65,550	2.90	190,095	135	17.0	2,295
1985	950	810	98.0	79,380	2.30	182,574	125	16.0	2,000
1986	910	770	74.0	56,980	1.65	94,017	130	12.0	1,560
1987	730	580	91.0	52,780	1.95	102,921	140	13.0	1,820
1988	680	530	73.0	38,690	2.75	106,398	125	10.0	1,250
1989	650	530	107.0	56,710	2.50	141,775	110	15.0	1,650
1990	620	510	86.0	43,860	2.40	105,264	100	16.0	1,600

CORN: PLANTED & HARVESTED FOR GRAIN



CORN: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1981-1990[1]

Crop Year	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Marketing Year Average
1981	2.90	2.70	2.50	2.60	2.80	2.70	2.60	2.75	2.70	2.80	2.70	2.50	2.70
1982	2.45	2.20	2.50	2.60	2.60	2.80	2.85	3.20	3.20	3.30	3.50	3.90	2.65
1983	3.60	3.70	3.75	3.35	3.55	3.50	3.70	3.75	3.70	3.70	3.75	3.50	3.65
1984	3.30	2.90	2.80	2.75	2.75	2.90	2.90	2.95	2.85	2.85	2.80	2.50	2.90
1985	2.20	2.15	2.40	2.50	2.50	2.45	2.45	2.40	2.60	2.60	2.10	1.75	2.30
1986	1.55	1.55	1.70	1.70	1.60	1.55	1.60	1.70	1.85	1.85	1.75	1.60	1.65
1987	1.60	1.70	1.85	1.95	2.05	2.05	2.05	2.10	2.15	2.65	3.00	2.85	1.95
1988	2.80	2.80	2.65	2.75	2.75	2.75	2.85	2.75	2.80	2.70	2.60	2.45	2.75
1989	2.40	2.40	2.40	2.50	2.50	2.50	2.60	2.75	2.85	2.85	2.85	2.75	2.50
1990	2.40	2.35	2.35	2.45	2.45	2.50	2.60						2.40 [2]

[1] Marketing year is September 1 of the current year through the following August 31.

[2] Preliminary based on the first seven months of the marketing year.

CORN: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1985, 1986, AND 1987

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harvested Acre			Production For Grain		
	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
	Acres						Bushels					
Dyer	15,500	16,200	13,000	14,700	15,900	12,500	106	85	110	1,560,000	1,345,000	1,380,000
Lake	5,400	6,000	9,000	5,200	5,900	8,900	140	111	133	728,000	655,000	1,180,000
Lauderdale	7,000	8,500	11,000	6,200	7,800	10,200	122	84	120	755,000	655,000	1,220,000
Obion	55,000	62,000	51,000	53,000	61,000	49,300	121	107	121	6,415,000	6,550,000	5,980,000
Shelby	2,700	2,600	2,500	2,400	2,300	2,200	78	67	91	187,000	155,000	200,000
Tipton	2,400	2,700	3,500	1,500	2,100	2,900	90	67	90	135,000	140,000	260,000
District 10	88,000	98,000	90,000	83,000	95,000	86,000	118	100	119	9,780,000	9,500,000	10,220,000
Benton	12,000	12,000	8,500	11,000	11,500	7,700	98	60	86	1,080,000	690,000	660,000
Carroll	29,500	31,000	24,000	28,000	30,600	23,000	103	70	96	2,880,000	2,150,000	2,200,000
Chester	12,300	12,000	9,000	11,000	10,500	7,500	81	67	86	890,000	700,000	645,000
Crockett	2,000	1,800	3,000	1,800	1,600	2,600	94	69	96	170,000	110,000	250,000
Decatur	8,000	8,500	6,000	7,500	8,400	5,700	95	74	82	710,000	620,000	470,000
Fayette	11,200	12,000	11,500	9,500	10,200	9,000	79	71	87	750,000	720,000	785,000
Gibson	58,000	64,000	45,000	57,000	63,000	42,700	106	80	104	6,020,000	5,010,000	4,450,000
Hardeman	9,500	9,700	9,600	8,500	8,600	8,700	82	74	86	700,000	635,000	750,000
Hardin	12,000	12,500	10,000	10,500	12,200	9,700	94	62	82	990,000	760,000	800,000
Haywood	9,000	10,000	8,900	8,000	9,700	8,600	90	78	90	720,000	760,000	775,000
Henderson	26,000	27,000	18,500	25,000	26,500	18,000	102	73	98	2,540,000	1,925,000	1,770,000
Henry	48,000	46,000	30,000	46,000	44,000	26,000	103	72	95	4,720,000	3,175,000	2,470,000
McNairy	15,500	15,500	17,000	15,000	15,200	16,600	97	78	96	1,460,000	1,190,000	1,600,000
Madison	10,000	11,000	9,000	9,200	10,500	8,700	107	78	91	980,000	820,000	790,000
Weakley	57,000	59,000	52,000	55,000	57,500	48,500	104	92	109	5,720,000	5,265,000	5,285,000
District 20	320,000	332,000	262,000	303,000	320,000	243,000	100	77	98	30,330,000	24,530,000	23,700,000
Cheatham	4,700	3,600	2,400	4,300	3,100	1,900	81	68	76	350,000	210,000	145,000
Dickson	4,700	4,300	2,500	4,100	3,600	2,000	85	48	63	350,000	174,000	125,000
Hickman	8,700	7,100	5,000	8,100	6,600	4,600	95	64	80	770,000	420,000	370,000
Houston	2,200	1,900	1,300	2,100	1,700	1,100	90	56	73	190,000	95,000	80,000
Humphreys	11,000	10,000	8,500	10,500	9,300	7,000	105	77	92	1,100,000	720,000	645,000
Lawrence	31,000	29,000	20,000	27,000	26,500	15,100	88	68	88	2,370,000	1,800,000	1,323,000
Lewis	2,400	1,400	1,000	2,100	1,200	800	76	49	61	160,000	59,000	49,000
Montgomery	20,000	19,500	13,500	18,800	18,000	12,000	121	77	92	2,273,000	1,380,000	1,100,000
Perry	7,300	7,200	5,500	6,700	6,500	4,600	90	77	77	600,000	500,000	355,000
Robertson	28,000	28,000	25,000	26,000	26,000	21,400	98	74	101	2,560,000	1,915,000	2,170,000
Stewart	2,500	1,900	1,300	2,100	1,600	1,000	89	67	73	187,000	107,000	73,000
Wayne	6,500	6,100	4,000	6,200	5,900	3,500	95	54	67	590,000	320,000	235,000
District 30	129,000	120,000	90,000	118,000	110,000	75,000	97	70	89	11,500,000	7,700,000	6,670,000

CORN: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1985, 1986, AND 1987

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harvested Acre			Production For Grain		
	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
	Acres						Bushels					
Bedford	14,000	14,000	11,000	9,500	9,000	6,600	81	47	56	770,000	420,000	370,000
Cannon	11,500	9,500	8,000	10,000	8,000	6,000	89	65	63	890,000	520,000	380,000
Clay	4,700	3,500	2,000	4,300	3,100	1,500	90	55	65	385,000	170,000	97,000
Davidson	2,000	1,500	1,100	1,800	1,400	950	86	55	73	154,000	77,000	69,000
DeKalb	5,800	5,000	4,000	5,400	4,800	3,100	94	69	82	510,000	330,000	255,000
Giles	18,500	14,500	11,000	16,500	11,500	7,000	107	59	89	1,770,000	680,000	620,000
Jackson	3,500	2,800	2,000	3,200	2,600	1,650	63	52	61	200,000	134,000	100,000
Lincoln	19,000	17,000	14,400	17,000	13,500	10,500	92	79	72	1,560,000	1,070,000	760,000
Macon	10,000	7,000	5,000	8,500	6,400	4,000	81	56	85	690,000	360,000	340,000
Marshall	11,000	10,000	6,500	7,200	4,700	2,900	90	50	69	650,000	235,000	200,000
Maury	12,000	11,000	8,500	7,000	6,400	4,700	94	61	75	660,000	390,000	353,000
Moore	2,500	2,000	1,500	1,800	1,500	1,100	67	41	62	120,000	62,000	68,000
Rutherford	16,000	13,000	9,000	13,400	9,800	5,500	77	64	64	1,030,000	630,000	350,000
Smith	5,500	4,300	3,000	4,900	3,600	2,400	85	53	79	415,000	190,000	190,000
Sumner	13,000	11,000	9,000	11,500	9,800	7,200	76	44	89	870,000	430,000	640,000
Trousdale	1,600	2,000	1,700	1,400	1,800	1,500	93	53	83	130,000	95,000	125,000
Williamson	8,500	7,000	4,700	6,800	5,800	2,900	87	49	76	592,000	285,000	220,000
Wilson	4,900	3,900	2,600	3,800	2,300	1,500	80	53	62	304,000	122,000	93,000
District 40	164,000	139,000	105,000	134,000	106,000	71,000	87	58	74	11,700,000	6,200,000	5,230,000
Bledsoe	6,200	6,200	5,000	5,400	4,800	3,800	92	77	66	495,000	370,000	250,000
Coffee	23,000	20,000	19,000	22,000	17,500	14,900	100	69	60	2,200,000	1,215,000	900,000
Cumberland	4,700	4,700	3,000	3,600	2,800	1,600	90	59	75	324,000	165,000	120,000
Fentress	7,500	6,000	4,000	6,600	4,900	3,100	90	53	73	595,000	260,000	225,000
Franklin	21,000	22,600	22,500	19,600	21,000	19,900	105	83	73	2,050,000	1,735,000	1,460,000
Grundy	3,200	2,900	2,800	2,700	2,400	2,300	96	79	72	260,000	190,000	165,000
Marion	5,000	4,600	4,500	4,500	4,100	3,900	102	80	59	460,000	330,000	230,000
Morgan	3,000	3,000	2,200	2,500	2,400	1,700	77	56	74	193,000	134,000	125,000
Overton	6,500	5,500	3,800	5,500	4,400	2,600	89	68	75	490,000	300,000	195,000
Pickett	1,000	900	1/	700	600	1/	101	73	--	71,000	44,000	--
Putnam	5,200	4,500	2,800	4,200	4,100	2,100	85	59	70	355,000	240,000	147,000
Scott	1,900	1,600	1,100	1,500	1,200	800	97	75	84	145,000	90,000	67,000
Sequatchie	2,200	2,100	1,800	1,900	1,600	1,400	92	66	64	175,000	105,000	90,000
Van Buren	1,300	1,200	1/	800	500	1/	91	56	--	73,000	28,000	--
Warren	19,500	16,000	10,600	16,400	12,600	7,700	93	61	53	1,520,000	770,000	410,000
White	9,800	6,200	5,600	7,100	3,100	2,600	101	63	65	714,000	194,000	170,000
Other 1/	--	--	1,300	--	--	600	--	--	77	--	--	46,000
District 50	121,000	108,000	90,000	105,000	88,000	69,000	96	70	67	10,120,000	6,170,000	4,600,000
Anderson	1/	1/	500	1/	1/	200	--	--	85	--	--	17,000
Blount	7,500	7,000	6,000	5,500	4,100	2,800	100	52	64	550,000	215,000	180,000
Bradley	4,000	3,500	3,200	1,500	1,000	800	97	55	56	145,000	55,000	45,000
Campbell	1,200	1,000	800	800	700	500	114	77	90	91,000	54,000	45,000
Carter	900	800	800	700	500	400	76	56	65	53,000	28,000	26,000
Claiborne	3,500	3,200	2,500	1,800	1,200	1,000	92	59	82	165,000	71,000	82,000
Cocke	7,000	5,000	4,000	3,700	2,600	1,700	69	50	89	255,000	130,000	152,000
Grainger	2,400	2,300	1,500	1,200	1,000	600	103	72	58	123,000	72,000	35,000
Greene	20,000	17,000	13,000	9,000	6,500	4,700	101	49	61	910,000	320,000	288,000
Hamblen	4,000	3,700	3,200	2,300	2,200	1,600	100	68	59	230,000	150,000	95,000
Hamilton	1,800	1,600	1,600	800	600	850	100	53	62	80,000	32,000	53,000
Hancock	2,100	1,700	1,300	1,600	1,300	700	95	55	84	152,000	71,000	59,000
Hawkins	6,800	5,500	4,500	4,500	2,900	2,400	78	46	63	350,000	134,000	150,000
Jefferson	6,000	6,200	5,500	3,600	3,200	2,000	67	58	57	240,000	185,000	113,000
Johnson	2,500	2,600	2,000	1,400	1,700	1,100	110	79	84	154,000	135,000	92,000
Knox	3,200	3,400	2,900	2,000	1,800	1,700	88	58	81	175,000	105,000	137,000
Loudon	5,000	4,500	3,900	2,200	1,600	1,000	100	47	56	220,000	75,000	56,000
McMinn	10,000	8,500	7,500	4,100	3,200	1,700	85	58	55	350,000	187,000	93,000
Meigs	3,000	2,600	2,000	1,400	1,100	700	89	50	63	125,000	55,000	44,000
Monroe	6,000	5,500	5,500	2,800	2,100	1,900	81	70	63	226,000	146,000	120,000
Polk	3,800	3,200	2,800	2,300	2,000	1,600	88	61	68	203,000	121,000	108,000
Rhea	3,500	3,000	2,000	2,300	1,900	1,200	87	43	48	200,000	81,000	57,000
Roane	1,100	900	600	700	500	250	89	50	64	62,000	25,000	16,000
Sevier	3,300	2,200	1,300	2,600	1,800	900	79	72	69	205,000	130,000	62,000
Sullivan	6,000	5,000	3,700	2,700	1,900	1,400	83	72	59	225,000	137,000	82,000
Union	600	500	1/	500	400	1/	78	63	--	39,000	25,000	--
Washington	12,200	12,000	10,000	4,600	2,900	2,000	84	41	67	386,000	120,000	133,000
Other 1/	600	600	400	400	300	300	90	70	67	36,000	21,000	20,000
District 60	128,000	113,000	93,000	67,000	51,000	36,000	89	56	66	5,950,000	2,880,000	2,360,000
State	950,000	910,000	730,000	810,000	770,000	580,000	98	74	91	79,380,000	56,980,000	52,780,000

1/ Less than 500 acres planted for all purposes, combined with other counties.

CORN: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1988, 1989, AND 1990

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harvested Acre			Production For Grain		
	1988	1989	1990	1988	1989	1990	1988	1989	1990	1988	1989	1990
	Acres						Bushels					
Dyer	13,000	12,500	13,700	12,500	12,300	13,300	98	123	99	1,230,000	1,510,000	1,315,000
Lake	11,000	11,000	12,000	10,800	10,900	11,500	123	128	132	1,330,000	1,400,000	1,522,000
Lauderdale	11,000	9,400	10,000	10,000	8,400	9,200	91	113	91	910,000	950,000	835,000
Obion	56,000	59,700	48,200	53,000	55,800	47,000	110	128	111	5,820,000	7,120,000	5,200,000
Shelby	2,500	2,400	2,400	2,100	2,000	1,900	74	105	89	155,000	210,000	170,000
Tipton	3,500	3,000	2,700	2,600	2,600	2,100	67	104	85	175,000	270,000	178,000
District 10	97,000	98,000	89,000	91,000	92,000	85,000	106	125	108	9,620,000	11,460,000	9,220,000
Benton	8,000	6,000	5,000	7,400	5,700	4,800	74	86	74	550,000	490,000	355,000
Carroll	21,000	23,000	20,000	19,000	21,400	19,100	70	107	82	1,330,000	2,280,000	1,575,000
Chester	8,000	8,000	6,700	6,800	7,200	6,500	90	94	69	610,000	675,000	450,000
Crockett	2,900	2,600	2,600	2,600	2,400	2,500	71	108	70	185,000	260,000	175,000
Decatur	5,500	5,000	5,000	5,000	4,500	4,700	72	94	77	360,000	421,000	360,000
Fayette	11,000	12,000	9,400	8,700	9,600	8,700	76	97	68	660,000	932,000	590,000
Gibson	42,000	45,500	39,000	38,000	42,600	37,600	87	113	81	3,300,000	4,800,000	3,050,000
Hardeman	8,700	10,000	9,100	7,300	8,600	8,100	79	91	75	575,000	780,000	605,000
Hardin	10,200	10,000	10,500	8,900	8,600	9,500	70	86	71	620,000	742,000	675,000
Haywood	8,500	8,400	6,000	7,800	7,900	5,600	58	97	73	450,000	770,000	410,000
Henderson	17,500	15,000	14,200	16,400	14,400	13,500	87	101	83	1,430,000	1,460,000	1,125,000
Henry	28,000	26,000	27,500	24,500	24,400	25,700	57	122	85	1,400,000	2,970,000	2,190,000
McNairy	16,200	15,000	13,000	15,000	14,300	12,700	87	99	82	1,300,000	1,420,000	1,040,000
Madison	8,500	8,000	8,000	7,600	7,400	7,500	74	104	92	560,000	770,000	690,000
Weakley	53,000	51,500	44,000	49,000	47,000	41,500	91	127	88	4,440,000	5,970,000	3,640,000
District 20	249,000	246,000	220,000	224,000	226,000	208,000	79	109	81	17,770,000	24,740,000	16,930,000
Cheatham	2,200	2,000	1,500	1,700	1,800	1,300	60	70	85	102,000	126,000	110,000
Dickson	2,300	1,800	1,500	1,700	1,500	1,300	44	85	73	74,000	127,000	95,000
Hickman	4,600	3,800	3,600	4,100	3,500	3,300	65	109	85	265,000	380,000	280,000
Houston	1,200	1,000	900	1,000	900	700	50	94	93	50,000	85,000	65,000
Humphreys	8,000	8,000	8,700	6,700	7,300	8,100	72	116	96	480,000	847,000	780,000
Lawrence	16,000	14,800	14,800	12,500	11,600	11,500	49	107	70	612,000	1,240,000	805,000
Lewis	900	700	600	700	600	500	41	90	86	29,000	54,000	43,000
Montgomery	12,400	12,500	12,000	10,700	11,300	11,300	58	120	93	620,000	1,360,000	1,050,000
Perry	4,500	4,500	4,300	3,800	3,900	3,900	70	92	90	267,000	360,000	350,000
Robertson	23,000	21,000	20,800	19,000	19,300	19,100	42	112	76	804,000	2,170,000	1,455,000
Stewart	1,200	1,500	1,100	1,000	1,300	1,000	52	90	87	52,000	117,000	87,000
Wayne	3,700	3,400	3,200	3,100	3,000	3,000	47	98	73	145,000	294,000	220,000
District 30	80,000	75,000	73,000	66,000	66,000	65,000	53	108	82	3,500,000	7,160,000	5,340,000

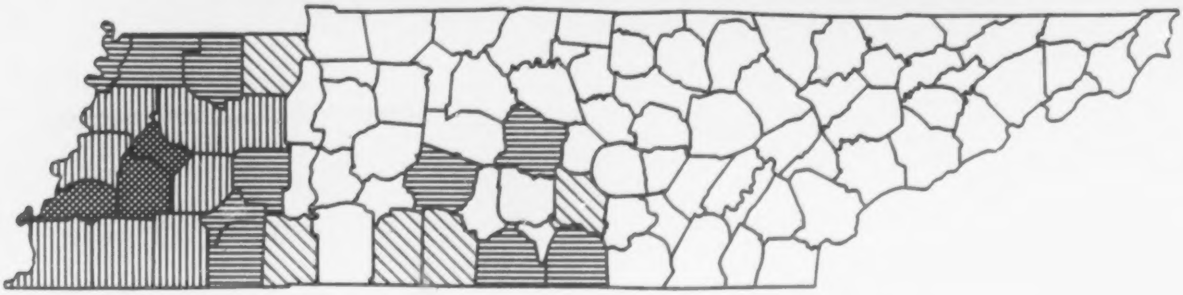
CORN: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1988, 1989, AND 1990

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harvested Acre			Production For Grain		
	1988	1989	1990	1988	1989	1990	1988	1989	1990	1988	1989	1990
	Acres									Bushels		
Bedford	10,200	10,200	10,200	5,600	6,500	7,000	46	95	71	260,000	618,000	500,000
Cannon	7,300	5,500	6,500	6,000	4,600	5,000	61	83	85	365,000	380,000	425,000
Clay	1,900	1,500	1,500	1,500	1,300	1,300	45	93	65	68,000	121,000	85,000
Davidson	1,000	900	900	800	800	800	50	83	74	40,000	66,000	59,000
DeKalb	4,000	3,300	2,800	3,300	2,600	2,300	44	80	76	145,000	207,000	175,000
Giles	9,700	10,300	11,700	5,900	6,600	8,800	61	101	67	360,000	664,000	590,000
Jackson	1,600	1,400	1,500	1,300	1,200	1,400	35	73	69	46,000	88,000	96,000
Lincoln	13,600	12,700	13,000	9,300	9,200	9,900	54	73	65	500,000	670,000	645,000
Macon	4,500	3,700	3,400	4,000	3,100	2,800	53	100	70	210,000	310,000	195,000
Marshall	5,200	4,900	5,000	2,200	3,000	3,300	55	74	71	120,000	221,000	235,000
Maury	7,900	7,600	8,100	3,500	4,500	4,400	51	109	90	177,000	490,000	395,000
Moore	1,200	1,000	900	800	800	700	44	90	74	35,000	72,000	52,000
Rutherford	8,500	7,400	8,600	4,600	5,600	5,300	41	77	78	190,000	429,000	415,000
Smith	2,800	2,200	2,400	2,200	1,800	1,700	52	82	85	115,000	148,000	145,000
Sumner	7,600	5,800	6,500	6,000	4,800	5,400	42	88	67	250,000	422,000	362,000
Trousdale	1,500	1,800	1,800	1,200	1,600	1,600	54	92	64	65,000	147,000	102,000
Williamson	4,300	2,800	3,100	2,600	1,500	2,200	60	90	88	155,000	135,000	193,000
Wilson	2,200	2,000	2,100	1,200	1,500	1,100	41	81	74	49,000	122,000	81,000
District 40	95,000	85,000	90,000	62,000	61,000	65,000	51	87	73	3,150,000	5,310,000	4,750,000
Bledsoe	4,000	3,800	3,600	2,700	2,700	2,600	67	88	81	180,000	237,000	210,000
Coffee	17,000	15,300	16,500	13,700	13,100	13,700	49	90	73	670,000	1,180,000	1,000,000
Cumberland	2,500	2,300	2,200	1,400	1,600	1,400	60	70	84	84,000	112,000	117,000
Fentress	3,400	3,200	3,400	2,500	2,700	3,000	76	85	78	190,000	230,000	234,000
Franklin	19,000	19,000	19,000	15,400	15,000	16,100	49	114	102	760,000	1,710,000	1,640,000
Grundy	2,600	2,600	2,600	2,200	2,000	2,100	47	100	90	103,000	200,000	190,000
Marion	4,200	3,900	4,100	3,400	3,000	3,200	56	95	90	190,000	285,000	288,000
Morgan	1,900	1,700	1,800	1,400	1,200	1,300	63	70	96	88,000	84,000	125,000
Overton	3,000	2,900	2,700	2,000	2,000	1,800	50	100	89	100,000	200,000	160,000
Pickett	1/	1/	700	1/	1/	600	1/	1/	88	1/	1/	53,000
Putnam	2,400	1,800	1,700	1,800	1,300	1,300	47	77	79	85,000	100,000	103,000
Scott	1,000	900	900	700	700	600	74	76	82	52,000	53,000	49,000
Sequatchie	1,700	1,700	1,800	1,200	1,100	1,300	78	90	84	94,000	99,000	109,000
Van Buren	1/	1/	900	1/	1/	300	1/	1/	63	1/	1/	19,000
Warren	9,600	8,200	7,100	6,900	6,500	5,300	48	96	67	330,000	621,000	357,000
White	4,600	3,500	3,000	2,200	2,400	1,400	65	92	83	142,000	220,000	116,000
Other 1/	1,100	1,200	0	500	700	0	64	84	--	32,000	59,000	0
District 50	78,000	72,000	72,000	58,000	56,000	56,000	53	96	85	3,100,000	5,390,000	4,770,000
Anderson	500	500	1/	200	200	1/	65	75	1/	13,000	15,000	1/
Blount	5,900	5,000	4,900	2,400	3,000	3,300	52	115	90	125,000	345,000	297,000
Bradley	2,600	2,800	2,700	600	700	600	55	81	75	33,000	57,000	45,000
Campbell	700	700	700	400	400	300	65	80	100	26,000	32,000	30,000
Carter	800	900	1,000	400	500	400	50	76	88	20,000	38,000	35,000
Claiborne	2,200	2,300	2,400	900	1,100	1,200	66	82	100	59,000	90,000	120,000
Cocke	3,500	3,000	3,000	1,400	1,400	1,300	50	107	87	70,000	150,000	113,000
Grainger	1,300	1,600	1,800	500	700	800	50	89	103	25,000	62,000	82,000
Greene	12,000	9,500	10,000	3,500	3,000	2,900	50	82	89	175,000	245,000	258,000
Hamblen	2,500	2,400	2,600	1,200	1,100	1,300	55	82	90	66,000	90,000	117,000
Hamilton	1,500	1,200	1,100	700	700	600	49	66	58	34,000	46,000	35,000
Hancock	1,000	1,000	1,000	600	700	700	70	90	94	42,000	63,000	66,000
Hawkins	3,500	3,200	3,800	1,700	1,600	2,100	44	84	90	74,000	135,000	189,000
Jefferson	4,900	4,000	3,500	1,900	1,500	1,800	53	90	105	100,000	135,000	189,000
Johnson	1,800	1,500	1,600	900	800	900	78	108	109	70,000	86,000	98,000
Knox	2,400	2,300	2,300	1,100	1,100	1,000	64	81	75	70,000	89,000	75,000
Loudon	3,200	2,800	3,500	800	800	800	50	100	101	40,000	80,000	81,000
McMinn	6,200	6,500	5,800	1,600	1,500	1,500	44	83	95	71,000	125,000	143,000
Meigs	1,800	1,800	1,800	600	600	500	53	90	84	32,000	54,000	42,000
Monroe	4,500	4,200	4,000	1,600	1,400	1,500	58	103	91	92,000	144,000	137,000
Polk	2,400	2,000	2,200	1,100	1,100	1,400	47	100	110	52,000	110,000	154,000
Rhea	1,600	2,000	1,900	700	1,200	1,400	43	75	77	30,000	90,000	108,000
Roane	500	500	500	300	300	300	47	93	90	14,000	28,000	27,000
Sevier	1,100	900	700	600	600	700	67	100	91	40,000	60,000	64,000
Sullivan	3,500	3,000	3,000	1,100	900	1,200	50	94	87	55,000	85,000	104,000
Washington	8,800	8,000	9,400	2,000	1,800	2,000	55	94	100	110,000	170,000	200,000
Other 1/	300	400	800	200	300	500	60	87	82	12,000	26,000	41,000
District 60	81,000	74,000	76,000	29,000	29,000	31,000	53	91	92	1,550,000	2,650,000	2,850,000
State	680,000	650,000	620,000	530,000	530,000	510,000	73	107	86	38,690,000	56,710,000	43,860,000

1/ Less than 500 acres planted for all purposes, combined with other counties.

Cotton

1990 COTTON CROP DISAPPOINTING



COTTON PRODUCTION

TOP FIVE COUNTIES

1.	HAYWOOD	89,500
2.	CROCKETT	73,900
3.	TIPTON	55,600
4.	FAYETTE	47,100
5.	GIBSON	44,800

480 POUND BALES
- ▩ 50,000 AND OVER
- ▥ 10,000–49,999
- ▤ 1,000–9,999
- ▨ UNDER 1,000
- ☐ NO PRODUCTION

Early in 1990, cotton appeared destined to be King again in Tennessee as farmers planted a total of 525,000 acres, the most acreage since 1988. The crop got off to a good start and growers were anticipating the best crop since 1964. All that was needed, producers said, was one good August rain. The rain did not come in time, however, and cotton growers had to settle for an average of 461 pounds of lint per acre. This compares with 497 last year and the five-year average 579 pounds per acre. Total production from 515,000 harvest acres was 495,000 bales.

Tennessee cotton farmers received the best prices for their crop since 1983. The preliminary 1990 average price of 66.3 cents per pound is up 3.3 cents from 1989. Growers, averaged $111 per ton for cottonseed compared with $102 per ton in 1989. The total value of production of cotton lint and cottonseed in 1990 was 178.8 million dollars compared with 161.9 million the previous year. Cotton was Tennessee's third leading valued crop behind soybeans and tobacco in 1990.

COTTON: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1981–1990

Crop Year	Acreage		Yield Per Acre	Production		Ginnings As Reported by Census[2/]
	Planted	Harvested		Lint[1/]	Seed	
	1,000 Acres		Pounds Lint	1,000 Bales	1,000 Tons	1,000 Bales
1981	325	305	496	315	127	311.2
1982	260	255	638	339	132	336.7
1983	220	215	337	151	60	149.6
1984	340	325	498	337	133	335.9
1985	340	335	600	419	160	415.5
1986	340	335	567	396	157	396.6
1987	440	435	700	634	235	634.4
1988	535	530	529	584	237	583.1
1989	465	460	497	476	176	474.4
1990	525	515	461	495	192	491.5

[1/] Production in 480 pound net weight bales.

[2/] Equivalent 480 pound net weight bales ginned, not adjusted for cross state movement.

COTTON LINT: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1981-1990[1]

Crop Year	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Marketing Year Average
						Cents Per Pound							
1981	--	59.8	58.5	52.0	51.4	49.5	50.7	57.1	58.9	56.1	58.4	55.7	54.7
1982	57.1	57.8	58.8	58.9	55.7	56.0	52.3	58.5	59.6	67.5	63.7	63.4	58.0
1983	66.5	69.0	68.7	69.1	68.8	66.0	66.1	69.4	68.6	74.0	70.6	--	68.5
1984	--	64.0	61.8	59.2	53.6	51.4	47.4	48.9	48.6	--	--	--	56.7
1985	--	56.1	54.1	53.6	50.8	51.3	48.1	57.7	57.2	57.9	58.9	--	53.6
1986	--	47.1	47.3	48.5	49.5	49.5	48.6	47.6	53.5	58.9	--	--	49.0
1987	64.4	64.4	64.1	63.1	63.1	61.4	56.3	54.5	55.9	57.5	58.9	57.9	63.0
1988	54.2	50.1	51.3	51.7	52.6	54.6	53.3	56.0	57.1	57.2	56.5	59.2	53.9
1989	59.3	59.0	64.1	63.7	62.1	60.6	61.0	63.8	64.6	64.5	66.4	66.7	63.0
1990	62.2	64.7	65.7	65.1	68.8	63.8	70.5	64.2					66.3 [2]

COTTONSEED: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1981-1990[1]

Crop Year	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Marketing Year Average
						Dollars Per Ton							
1981	--	80.0	77.0	81.0	76.0	77.0	--	--	--	--	--	--	79.0
1982	--	75.0	67.0	67.0	65.0	--	--	--	--	--	--	--	69.0
1983	--	--	160.0	165.0	160.0	160.0	160.0	160.0	160.0	--	--	--	161.0
1984	--	--	100.0	90.0	80.0	75.0	80.0	--	--	--	--	--	90.5
1985	--	54.0	52.0	55.0	56.0	53.0	--	--	--	--	--	--	53.0
1986	--	--	66.0	72.0	--	--	--	--	--	--	--	--	66.5
1987	--	77.0	77.0	79.0	77.0	--	--	--	--	--	--	--	77.0
1988	--	111.0	110.0	114.0	108.0	--	--	--	--	--	--	--	111.0
1989	--	--	--	102.0	93.0	--	--	--	--	--	--	--	102.0
1990	--	110.0	110.0	113.0	110.0								111.0 [2]

[1] Marketing year is August 1 of the current year through July 31 of the following year.

[2] Prelimary based on the first eight months of the marketing year.

COTTON: FARM MARKETINGS, BY MONTHS, TENNESSEE, 1980-1989

Crop Year	Year of Production					Following Year						
	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
						Percent By Month						
1980	--	16.0	42.0	25.0	9.0	3.0	3.0	2.0	1.0	1.0	--	--
1981	0.3	5.6	27.3	33.7	14.5	4.8	1.4	2.7	3.4	2.6	1.4	2.3
1982	1.1	13.6	30.8	22.5	19.3	5.3	1.5	1.5	1.5	1.5	1.1	0.3
1983	0.8	10.3	31.3	25.8	15.0	9.3	3.4	1.5	1.3	1.3	--	--
1984	--	0.8	18.3	33.8	36.2	7.0	0.8	0.6	2.5	--	--	--
1985	--	2.7	24.6	38.5	13.9	6.4	2.1	1.6	4.8	4.3	1.1	--
1986	--	0.8	13.9	26.4	35.8	16.1	3.0	1.4	2.0	0.6	--	--
1987	0.2	6.6	32.7	35.8	13.6	4.7	1.3	0.9	0.6	2.2	1.1	0.3
1988	3.0	5.1	7.6	15.5	13.5	21.5	8.8	7.6	3.1	4.7	5.3	4.3
1989	1.5	0.9	16.7	32.0	18.2	9.8	7.7	5.1	3.9	1.9	1.5	0.8

COTTON: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1985, 1986, AND 1987

District and County	Acreage Planted			Acreage Harvested			Yield Per Harvested Acre			Production 480 lbs. Net Wt.		
	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
								Pounds			Bales	
Dyer	8,800	9,400	14,800	8,620	9,300	14,600	512	578	658	9,200	11,200	20,000
Lake	550	1,550	2,500	540	1,500	2,450	631	563	862	710	1,760	4,400
Lauderdale	13,700	17,300	27,000	13,400	17,000	26,600	609	599	812	17,000	21,200	45,000
Obion	850	1,050	1,700	840	1,000	1,650	509	595	669	890	1,240	2,300
Shelby	17,800	18,200	24,000	17,600	18,000	23,400	614	507	585	22,500	19,000	28,500
Tipton	29,700	33,500	50,000	29,500	33,200	49,400	630	544	700	38,700	37,600	72,000
District 10	71,400	81,000	120,000	70,500	80,000	118,100	606	522	700	89,000	92,000	172,200
Carroll	5,600	5,200	8,500	5,400	5,100	8,400	524	574	563	5,900	6,100	9,850
Chester	2,600	2,500	3,840	2,500	2,400	3,740	422	560	533	2,200	2,800	4,150
Crockett	70,000	62,000	72,000	69,700	61,000	71,500	668	622	749	97,000	79,000	111,500
Fayette	37,000	35,000	44,000	36,000	34,500	43,500	560	557	690	42,000	40,000	62,500
Gibson	26,000	30,600	39,400	25,500	30,300	39,000	506	507	661	26,900	32,000	53,700
Hardeman	17,000	15,800	20,000	16,500	15,700	19,800	524	504	587	18,000	16,500	24,200
Hardin	330	300	200	320	300	200	480	512	528	320	320	220
Haywood	67,000	66,000	80,000	66,500	65,000	79,400	610	595	744	84,500	80,600	123,000
Henderson	1,400	1,535	1,800	1,370	1,500	1,770	627	576	637	1,790	1,800	2,350
Henry	0	65	360	0	65	360	-	554	573	0	75	430
McNairy	3,050	2,300	2,700	3,000	2,150	2,650	566	487	562	3,540	2,180	3,100
Madison	31,300	30,500	38,800	30,500	30,000	38,300	614	552	721	39,000	34,500	57,500
Weakley	720	700	1,400	710	685	1,380	575	508	522	850	725	1,500
District 20	262,000	252,500	313,000	258,000	248,700	310,000	599	572	703	322,000	296,600	454,000
Lawrence	365	360	260	365	350	260	427	411	425	325	300	230
Other Counties	25	0	0	25	0	0	480	---	---	25	0	0
District 30	390	360	260	390	350	260	431	411	425	350	300	230
Giles	430	300	530	420	300	530	480	480	607	420	300	670
Lincoln	1,970	2,100	2,440	1,940	2,050	2,400	624	749	500	2,520	3,200	2,500
Rutherford	1,550	1,600	1,470	1,520	1,500	1,440	524	400	567	1,660	1,250	1,700
District 40	3,950	4,000	4,440	3,880	3,850	4,370	569	592	535	4,600	4,750	4,870
Franklin	2,260	2,140	2,300	2,230	2,100	2,270	657	537	571	3,050	2,350	2,700
District 50	2,260	2,140	2,300	2,230	2,100	2,270	657	537	571	3,050	2,350	2,700
State	340,000	340,000	440,000	335,000	335,000	435,000	600	567	700	419,000	396,000	634,000

COTTON: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1988, 1989, AND 1990

District and County	Acreage Planted			Acreage Harvested			Yield Per Harvested Acre			Production 480 lbs. Net Wt.		
	1988	1989	1990	1988	1989	1990	1988	1989	1990	1988	1989	1990
								Pounds			Bales	
Dyer	22,100	19,000	23,000	21,800	18,700	21,400	539	449	476	24,500	17,500	21,200
Lake	5,600	5,000	6,200	5,500	4,950	5,450	707	519	660	8,100	5,350	7,490
Lauderdale	38,300	34,000	42,000	37,700	33,300	37,800	541	512	489	42,500	35,500	38,500
Obion	2,400	1,900	2,600	2,300	1,850	2,550	543	454	680	2,600	1,750	3,610
Shelby	26,200	24,000	25,700	26,000	23,400	25,300	452	435	406	24,500	21,200	21,400
Tipton	55,000	47,400	56,500	54,400	47,000	55,800	516	516	478	58,500	50,500	55,600
District 1	149,600	131,300	156,000	147,700	129,200	148,300	522	490	478	160,700	131,800	147,800
Carroll	14,200	12,600	13,000	14,000	12,300	12,900	463	429	458	13,500	11,000	12,300
Chester	5,800	5,000	4,500	5,700	4,800	4,300	480	380	357	5,700	3,800	3,200
Crockett	79,000	71,800	77,500	78,000	71,300	77,200	615	567	459	100,000	84,200	73,900
Fayette	52,000	44,200	48,400	51,700	43,700	48,300	511	502	468	55,000	45,700	47,100
Gibson	50,000	43,000	46,000	49,800	42,600	45,800	520	480	470	54,000	42,600	44,800
Hardeman	24,300	20,000	20,000	24,200	19,800	19,900	456	417	461	23,000	17,200	19,100
Hardin	400	240	470	380	240	470	505	420	388	400	210	380
Haywood	95,000	82,000	96,300	94,300	81,800	95,500	529	505	450	104,000	86,000	89,500
Henderson	2,400	2,400	2,100	2,330	2,350	2,030	494	419	442	2,400	2,050	1,870
Henry	350	180	200	350	180	200	480	480	504	350	180	210
McNairy	3,100	2,800	3,000	3,000	2,700	3,000	520	409	406	3,250	2,300	2,540
Madison	49,000	41,200	46,800	48,800	41,000	46,600	502	486	440	51,000	41,500	42,700
Weakley	1,250	1,200	1,230	1,250	1,150	1,200	461	480	440	1,200	1,150	1,100
Other Counties	200	80	0	190	80	0	505	420	---	200	70	0
District 2	377,000	326,700	359,500	374,000	324,000	357,400	531	501	455	414,000	337,960	338,700
Lawrence	260	170	150	250	160	140	442	450	240	230	150	70
District 3	260	170	150	250	160	140	442	450	240	230	150	70
Giles	840	670	830	830	640	815	463	413	381	800	550	647
Lincoln	2,700	2,400	2,500	2,680	2,350	2,450	537	449	425	3,000	2,200	2,170
Maury	0	0	1,020	0	0	1,010	---	---	475	0	0	1,000
Rutherford	2,200	1,760	2,225	2,170	1,700	2,200	509	395	395	2,300	1,400	1,810
Other Counties	0	0	25	0	0	25	---	---	442	0	0	23
District 4	5,740	4,830	6,600	5,680	4,690	6,500	515	425	417	6,100	4,150	5,650
Coffee	0	0	500	0	0	490	---	---	416	0	0	425
Franklin	2,400	2,000	2,250	2,370	1,950	2,170	602	478	521	2,970	1,940	2,355
District 5	2,400	2,000	2,750	2,370	1,950	2,660	602	478	502	2,970	1,940	2,780
State	535,000	465,000	525,000	530,000	460,000	515,000	529	497	461	584,000	476,000	495,000

COTTONSEED: PRODUCTION, FARM DISPOSITIN, SALES, AND VALUE, TENNESSEE, 1981-1990

Crop Year	Production	Farm Disposition			Marketing Year Avg. Price	Value of Production	Value of Sales to Oil Mills
		Sales to Oil Mills	Other[1]	Used for Planting[2]			
	1,000 Tons				Dollars Per Ton	1,000 Dollars	
1981	127	118	9	4.1	79.00	10,033	9,322
1982	132	113	19	7.2	69.00	9,108	7,797
1983	60	50	10	4.6	161.00	9,660	8,050
1984	133	124	9	4.6	90.50	12,037	11,222
1985	160	130	30	3.6	53.00	8,480	6,890
1986	157	152	5	4.6	66.50	10,441	10,108
1987	235	229	6	5.6	77.00	18,095	17,633
1988	237	232	5	4.9	111.00	26,307	25,752
1989	176	163	13	5.5	102.00	17,952	16,626
1990	192	190	2	6.5	111.00	21,312	21,090

[1] Includes planting seed, exports, inter-farm sales, shrinkage, losses and other uses.

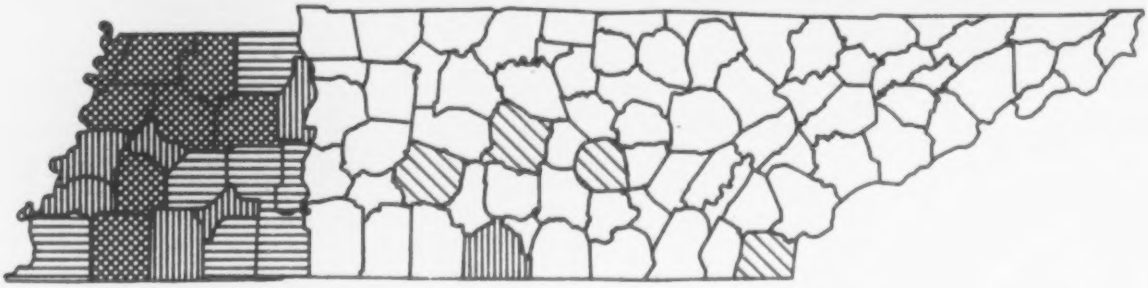
[2] Included in "other" farm disposition. Planting seed from previous years crop.

COTTON AND COTTONSEED: PRICE AND VALUE, TENNESSEE, 1981-1990

Crop Year	Lint		Cottonseed		Combined Value of Lint and Cottonseed
	Marketing Year Average Price	Value of Production	Marketing Year Average Price	Value of Production	
	Cents Per Pound	1,000 Dollars	Dollars Per Ton	1,000 Dollars	1,000 Dollars
1981	54.70	82,706	79.00	10,033	92,739
1982	58.00	94,378	69.00	9,108	103,486
1983	68.50	49,649	161.00	9,660	59,309
1984	56.70	91,718	90.50	12,037	103,755
1985	53.60	107,800	53.00	8,480	116,280
1986	49.00	93,139	66.50	10,441	103,580
1987	63.00	191,722	77.00	18,095	209,817
1988	53.90	151,092	111.00	26,307	177,399
1989	63.00	143,942	102.00	17,952	161,894
1990	66.30	157,529	111.00	21,312	178,841

Sorghum

Sorghum Yield Up On Expanded Acreage



SORGHUM PRODUCTION

TOP FIVE COUNTIES

1.	DYER	1,010,000
2.	GIBSON	550,000
3.	OBION	420,000
4.	FAYETTE	310,000
5.	WEAKLEY	307,000

BUSHELS

- ▩ 150,000 AND OVER
- ▥ 50,000-149,9999
- ▤ 25,000-49,99
- ▧ 5,000-24,9999
- ☐ UNDER 5,000

Sorghum acreage expanded to 60,000 acres in 1990, a large jump from the 35,000 acres planted in 1989, but well short of the 480,000 seeded in 1985. Most of the increased acreage was originally intended for corn. Persistent wet weather resulted in farmers substituting sorghum when the optimum planting date for corn passed. The yield was 77.0 bushels per acre, two bushels more than a year ago. Growers combined 55,000 acres. Acreage planted for other uses or abandoned totaled 5,000 acres. Total grain production amounted to 4.2 million bushels, over double 1989's output.

Dyer county was the leading county, as producers in this location accounted for almost a quarter of the state's production. The six Mississippi Delta counties, coupled with Gibson, Fayette and Weakley represented over 70 percent of the state's crop.

The 1990 grain sorghum crop was valued at $9.5 million compared with $4.7 million in 1989. The market year average price dipped to $2.32 compared with $2.24 a year earlier.

SORGHUM: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1981-1990

Crop Year	Planted For All Purposes	Harvested For Grain	Yield Per Acre	Production For Grain	Marketing Year Average Price	Value of Grain Production	Acreage Harvested For Silage	Yield Per Acre	Silage Production
	1,000 Acres		Bushels	1,000 Bushels	Dollars Per Bushels	1,000 Dollars	1,000 Acres	Tons	1,000 Tons
1981	104	75	62.0	4,650	2.21	10,277	9	12.0	108
1982	100	85	65.0	5,525	1.90	10,498	3	13.0	39
1983	110	95	53.0	5,035	2.97	14,954	6	12.0	72
1984	280	260	80.0	20,800	2.24	46,592	6	13.0	78
1985	480	465	80.0	37,200	1.88	69,936	6	14.0	84
1986	180	165	65.0	10,725	1.34	14,372	8	12.0	96
1987	70	60	70.0	4,200	1.55	6,510	6	11.0	66
1988	45	35	65.0	2,275	2.41	5,483	8	9.0	72
1989	35	27	75.0	2,025	2.32	4,698	6	11.0	66
1990	60	55	77.0	4,235	2.24	9,486	3	14.0	42

SORGHUM: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1981-1990[1]

Crop Year	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Marketing Year Average
						Dollars Per Bushel							
1981	2.25	2.25	2.15	2.25	2.25	2.25	2.20	2.10	2.10	2.10	2.10	2.25	2.21
1982	2.25	2.15	2.25	2.20	2.50	2.35	2.45	2.55	2.55	2.55	2.60	3.15	1.90
1983	3.05	2.95	3.00	2.85	2.95	2.80	3.00	3.10	3.15	2.60	2.40	2.40	2.97
1984	2.30	2.15	2.20	2.25	2.35	2.25	2.40	2.40	2.40	2.30	1.70	1.75	2.24
1985	1.60	1.75	2.00	2.08	2.10	2.07	2.10	2.15	2.32	2.18	1.64	1.30	1.88
1986	1.24	1.32	1.40	1.38	1.32	1.31	1.37	1.40	1.58	1.54	1.34	1.25	1.34
1987	1.35	1.41	1.52	1.57	1.62	1.71	1.74	1.75	1.85	2.60	2.95	2.47	1.55
1988	2.43	2.41	2.35	2.35	2.52	2.60	2.62	2.35	2.18	2.40	2.38	2.21	2.41
1989	2.32	2.35	2.35	2.41	2.39	2.40	2.41	2.59	2.66	2.66	2.52	2.46	2.32
1990	2.32	2.20	2.15	2.26	2.34	2.34	2.42						2.24 2/

[1] Marketing year is September 1 of the current year through the following August 31. [2] Preliminary based on the first seven months of the marketing year.

SORGHUM: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1985, 1986, AND 1987

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harvested Acre			Production For Grain		
	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
				Acres						Bushels		
Dyer	85,000	32,000	16,200	84,600	31,600	15,500	95	85	87	8,060,000	2,685,000	1,350,000
Lake	13,000	3,000	2,800	12,900	2,900	2,700	95	83	87	1,220,000	240,000	235,000
Lauderdale	25,000	7,500	3,200	24,900	7,300	2,900	92	70	78	2,290,000	510,000	225,000
Obion	25,000	3,500	1,400	24,900	3,400	1,300	93	88	79	2,310,000	300,000	103,000
Shelby	12,000	4,000	2,000	11,900	3,900	1,900	73	59	61	870,000	230,000	115,000
Tipton	20,000	8,000	2,900	19,800	7,900	2,700	86	59	79	1,700,000	465,000	212,000
District 10	180,000	58,000	28,500	179,000	57,000	27,000	92	78	83	16,450,000	4,430,000	2,240,000
Benton	6,500	2,700	1/	6,200	2,400	1/	81	50	1/	505,000	120,000	1/
Carroll	13,000	2,500	1,100	12,500	2,300	900	76	61	64	950,000	140,000	58,000
Chester	10,000	2,700	1,000	9,800	2,600	900	64	50	61	630,000	130,000	55,000
Crocket	5,000	1,900	1,600	4,900	1,800	1,500	80	59	67	390,000	106,000	101,000
Decatur	5,000	2,000	1,100	4,900	1,900	1,000	69	52	47	340,000	98,000	47,000
Fayette	30,000	15,600	6,000	29,500	15,300	5,700	67	58	60	1,970,000	880,000	342,000
Gibson	68,000	21,000	5,100	67,000	19,300	4,000	79	69	70	5,300,000	1,340,000	280,000
Hardeman	14,000	5,500	2,300	13,500	5,300	2,100	68	58	51	920,000	310,000	108,000
Hardin	16,000	6,700	1,500	15,500	6,500	1,300	55	46	52	860,000	300,000	68,000
Haywood	14,500	5,400	2,200	14,300	5,300	2,100	76	64	76	1,090,000	340,000	160,000
Henderson	11,500	2,300	600	11,000	2,100	500	66	57	46	730,000	119,000	23,000
Henry	6,000	2,200	1/	5,800	2,100	1/	78	57	1/	450,000	120,000	1/
McNairy	14,500	5,500	1,800	14,000	5,300	1,700	62	54	62	870,000	287,000	105,000
Madison	9,000	2,200	1,000	8,600	2,100	900	78	57	63	670,000	120,000	57,000
Weakley	25,000	6,800	1,300	24,500	6,100	1,100	86	82	64	2,100,000	500,000	70,000
Other 1/	--	--	1,000	--	--	900	1/	1/	73	1/	1/	66,000
District 20	248,000	85,000	27,600	242,000	80,400	24,600	73	61	63	17,775,000	4,910,000	1,540,000
Hickman	800	800	1/	700	600	1/	74	50	1/	52,000	30,000	1/
Humphreys	500	1/	1/	450	1/	1/	69	1/	1/	31,000	1/	1/
Lawrence	5,000	2,700	500	4,900	2,500	300	63	52	58	310,000	130,000	17,300
Lewis	800	600	1/	700	500	1/	70	48	1/	49,000	23,800	1/
Montgomery	1,500	800	1/	1,300	600	1/	92	57	1/	120,000	34,000	1/
Perry	500	1/	1/	450	1/	1/	76	1/	1/	34,000	1/	1/
Robertson	1,500	1,400	500	1,400	1,200	400	86	47	55	120,000	56,000	22,000
Wayne	1,800	1,300	1/	1,700	1,200	1/	65	42	1/	111,000	50,300	1/
Other 1/	1,100	1,700	1,100	900	1,400	700	70	51	52	63,000	70,900	36,700
District 30	13,500	9,300	2,100	12,500	8,000	1,400	71	49	54	890,000	395,000	76,000
Bedford	4,500	3,000	1,000	3,500	2,000	450	69	55	47	240,000	110,000	21,000
DeKalb	1,000	900	1/	800	600	1/	66	58	1/	53,000	35,000	1/
Giles	2,000	1,500	1/	1,500	1,100	1/	63	50	1/	95,000	55,000	1/
Lincoln	3,000	2,500	900	2,800	1,800	450	73	60	58	204,000	108,000	26,000
Marshall	1,500	1,000	650	1,200	800	500	60	40	44	72,000	32,000	22,000
Maury	3,000	2,000	800	2,700	1,600	500	76	47	56	205,000	75,000	28,000
Rutherford	8,000	4,500	2,000	6,700	3,400	1,200	61	41	46	410,000	138,000	55,000
Williamson	1,300	1,200	1/	1,100	900	1/	53	41	1/	58,000	37,000	1/
Other 1/	1,700	1,400	1,350	1,200	1,000	800	65	50	48	78,000	50,000	38,000
District 40	26,000	18,000	6,700	21,500	13,200	3,900	66	48	49	1,415,000	640,000	190,000
Coffee	1,500	900	1/	1,400	800	1/	66	60	1/	93,000	48,000	1/
Franklin	600	500	1/	500	400	1/	72	55	1/	36,000	22,000	1/
Marion	900	600	1/	800	400	1/	68	60	1/	54,000	24,000	1/
Warren	3,700	2,600	1,400	3,000	1,400	500	71	60	55	213,000	84,000	27,400
White	700	600	1/	600	500	1/	58	52	1/	35,000	26,000	1/
Other 1/	1,300	800	1,000	1,000	600	800	59	52	37	59,000	31,000	29,600
District 50	8,700	6,000	2,400	7,300	4,100	1,300	67	57	44	490,000	235,000	57,000
Greene	500	1/	1/	300	1/	1/	55	1/	1/	16,500	1/	1/
McMinn	500	1/	1/	300	1/	1/	67	1/	1/	20,000	1/	1/
Polk	800	1,100	700	600	700	350	68	57	55	41,000	40,000	19,400
Other 1/	2,000	2,600	2,000	1,500	1,600	1,450	68	47	54	102,500	75,000	77,600
District 60	3,800	3,700	2,700	2,700	2,300	1,800	67	50	54	180,000	115,000	97,000
State	480,000	180,000	70,000	465,000	165,000	60,000	80	65	70	37,200,000	10,725,000	4,200,000

1/ Less than 500 acres planted for all purposes, combined with other counties.

SORGHUM: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES FOR 1988, 1989, AND 1990

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harvested Acre			Production For Grain		
	1988	1989	1990	1988	1989	1990	1988	1989	1990	1988	1989	1990
	Acres									Bushels		
Dyer	8,500	9,450	11,400	8,000	8,950	11,300	85	88	89	680,000	788,000	1,010,000
Lake	1,000	1/	2,000	1,000	1/	1,950	95	1/	92	95,000	1/	180,000
Lauderdale	1,100	1,620	1,300	1,000	1,500	1,300	66	89	79	66,000	133,000	103,000
Obion	500	1/	4,400	500	1/	4,300	78	1/	98	39,000	1/	420,000
Shelby	1,100	600	600	1,000	540	600	59	65	60	59,000	35,000	36,000
Tipton	1,500	2,000	1,600	1,300	1,800	1,550	74	64	77	96,000	115,000	120,000
Other 1/	0	830	0	0	810	0	--	91	--	0	74,000	0
District 10	13,700	14,500	21,300	12,800	13,600	21,000	81	84	89	1,035,000	1,145,000	1,869,000
Benton	600	1/	1,100	400	1/	950	65	1/	70	26,000	1/	66,500
Carroll	600	1/	2,400	500	1/	2,300	52	1/	69	26,000	1/	159,000
Chester	500	640	1,600	450	500	1,500	58	50	70	26,000	25,200	105,000
Crocket	700	740	1,200	600	600	1,100	62	80	78	37,000	48,000	86,000
Decatur	1,000	1/	700	800	1/	650	50	1/	55	40,000	1/	35,500
Fayette	4,000	4,770	5,000	3,600	4,200	4,800	63	70	65	227,000	293,000	310,000
Gibson	3,100	1,320	7,000	2,600	900	6,900	73	77	80	190,000	69,000	550,000
Hardeman	1,200	750	1,100	1,000	550	1,000	50	55	52	50,000	30,000	52,000
Hardin	1,400	560	700	1,100	300	600	50	53	67	55,000	16,000	40,000
Haywood	1,300	1,670	3,000	1,100	1,400	2,900	66	80	76	73,000	112,000	220,000
Henderson	1/	1/	600	1/	1/	550	1/	1/	75	1/	1/	41,000
Henry	1/	1/	800	1/	1/	750	1/	1/	64	1/	1/	48,000
McNairy	1,500	1/	800	1,300	1/	750	54	1/	45	70,000	1/	38,000
Madison	1/	620	900	1/	500	850	1/	54	56	1/	27,000	42,000
Weakley	1,600	570	3,600	1,400	400	3,500	56	93	88	78,000	37,000	307,000
Other 1/	1,100	1,460	0	850	850	0	58	59	--	49,000	49,800	0
District 20	18,600	13,100	30,500	15,700	10,200	29,100	60	69	72	947,000	707,000	2,100,000
Montgomery	1/	530	1/	1/	320	1/	1/	58	1/	1/	18,500	1/
Other 1/	1,800	920	1,500	1,300	580	1,000	54	58	55	70,000	33,500	55,000
District 30	1,800	1,450	1,500	1,300	900	1,000	54	58	55	70,000	52,000	55,000
Bedford	700	1/	1/	300	1/	1/	40	1/	1/	12,000	1/	1/
Lincoln	700	1/	900	300	1/	800	43	1/	67	13,000	1/	53,400
Marshall	500	1/	1/	200	1/	1/	45	1/	1/	9,000	1/	1/
Maury	700	1/	500	400	1/	350	46	1/	39	18,500	1/	13,600
Rutherford	1,400	1/	500	700	1/	350	43	1/	52	30,000	1/	18,200
Williamson	500	1/	1/	250	1/	1/	42	1/	1/	10,500	1/	1/
Other 1/	1,000	2,250	1,500	450	900	1,000	44	43	51	20,000	39,000	50,800
District 40	5,500	2,250	3,400	2,600	900	2,500	43	43	54	113,000	39,000	136,000
Franklin	500	1/	1/	450	1/	1/	32	1/	1/	14,300	1/	1/
Warren	700	1/	600	350	1/	450	44	1/	55	15,400	1/	24,800
Other 1/	900	1,050	700	500	500	350	41	54	43	20,300	27,000	15,200
District 50	2,100	1,050	1,300	1,300	500	800	38	54	50	50,000	27,000	40,000
McMinn	500	1/	1/	200	1/	1/	50	1/	1/	10,000	1/	1/
Polk	600	520	500	200	120	100	47	63	60	9,400	7,500	6,000
Other 1/	2,200	2,130	1,500	900	780	500	45	61	58	40,600	47,500	29,000
District 60	3,300	2,650	2,000	1,300	900	600	46	61	58	60,000	55,000	35,000
State	45,000	35,000	60,000	35,000	27,000	55,000	65	75	77	2,275,000	2,025,000	4,235,000

1/ Less than 500 acres planted for all purposes, combined with other counties.

ALL HAY: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1981-1990

Crop Year	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average	Value of Production
	1,000 Acres	Tons	1,000 Tons	Per Ton Dollars	1,000 Dollars
1981	1,270	1.64	2,078	49.00	101,822
1982	1,330	1.65	2,190	47.50	104,025
1983	1,330	1.50	1,994	49.50	98,703
1984	1,450	1.74	2,528	52.00	131,456
1985	1,600	1.93	3,080	52.00	160,160
1986	1,400	1.54	2,152	61.00	131,272
1987	1,590	1.70	2,698	53.00	142,994
1988	1,610	1.45	2,331	58.00	135,198
1989	1,700	2.06	3,499	48.50	169,702
1990	1,500	2.17	3,255	49.00	159,495

ALFALFA: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1981-1990

Crop Year	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average	Value of Production
1,000	Acres	Tons	1,000 Tons	Per Ton Dollars	1,000 Dollars
1981	115	2.50	288	67.00	19,296
1982	130	3.00	390	66.00	25,740
1983	120	2.50	300	70.50	21,150
1984	100	3.00	300	72.00	21,600
1985	100	3.80	380	72.00	27,360
1986	120	3.00	360	88.00	31,680
1987	140	2.70	378	98.00	37,044
1988	110	2.10	231	100.00	23,100
1989	90	3.10	279	88.00	24,552
1990	70	3.60	252	102.00	25,704

ALL OTHER HAY: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1981-1990

Crop Year	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average	Value of Production
	1,000 Acres	Tons	1,000 Tons	Per Ton Dollars	1,000 Dollars
1981	1,155	1.55	1,790	46.00	82,526
1982	1,200	1.50	1,800	43.50	78,285
1983	1,210	1.40	1,694	46.00	77,553
1984	1,350	1.65	2,228	49.50	109,856
1985	1,500	1.80	2,700	49.00	132,800
1986	1,280	1.40	1,792	55.50	99,952
1987	1,450	1.60	2,320	45.50	105,950
1988	1,500	1.40	2,100	53.50	112,098
1989	1,610	2.00	3,220	45.00	145,150
1990	1,430	2.10	3,003	44.50	133,791

HAY: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1981-1990

DOLLARS PER TON

Crop Year	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Marketing Year Average[1]
Alfalfa Hay													
1981	62.50	59.00	65.00	63.00	67.00	80.00	70.00	78.00	66.00	64.00	63.00	61.00	67.00
1982	62.00	66.00	63.00	62.00	66.00	68.00	70.00	56.00	71.60	69.00	67.90	70.80	66.00
1983	70.00	77.00	66.00	73.00	64.00	64.00	66.00	67.00	81.00	85.00	70.00	68.00	70.50
1984	68.00	72.00	74.00	73.00	73.00	77.00	70.00	65.00	69.00	75.00	70.00	70.00	72.00
1985	65.00	65.00	65.00	65.00	65.00	70.00	75.00	78.00	85.00	85.00	80.00	85.00	72.00
1986	82.00	86.00	86.00	84.00	92.00	85.00	88.00	94.00	92.00	90.00	84.00	96.00	88.00
1987	94.00	94.00	109.00	106.00	99.00	97.00	97.00	97.00	97.00	97.00	96.00	92.00	98.00
1988	90.00	95.00	98.00	102.00	101.00	102.00	105.00	105.00	103.00	106.00	106.00	97.00	100.00
1989	86.00	86.00	87.00	88.00	84.00	91.00	94.00	91.00	93.00	87.00	83.00	93.00	88.00
1990	**95.00**	**90.00**	**97.00**	**101.00**	**105.00**	**107.00**	**107.00**	**104.00**	**105.00**	**107.00**	**108.00**		**102.00**[2]
All Other Hay													
1981	45.00	45.00	45.00	50.00	46.00	53.00	42.00	54.00	45.00	45.00	42.00	43.00	46.00
1982	44.00	47.00	45.00	46.00	47.00	45.00	46.00	41.00	42.70	48.00	45.30	43.20	43.50
1983	40.30	41.00	48.00	46.00	46.00	46.00	46.00	50.00	50.00	49.00	55.00	54.00	46.00
1984	50.00	57.00	48.00	49.00	43.00	45.00	48.00	45.00	50.00	50.00	55.00	49.00	49.50
1985	44.00	49.00	45.00	45.00	48.00	50.00	54.00	54.00	49.00	49.00	48.00	50.00	49.00
1986	55.00	59.00	55.00	55.00	60.00	57.00	51.00	57.00	57.00	55.00	55.00	52.00	55.50
1987	51.00	53.00	46.00	52.00	48.00	44.00	45.00	48.00	46.00	45.00	46.00	46.00	45.50
1988	52.00	57.00	52.00	50.00	50.00	52.00	52.00	56.00	56.00	57.00	53.00	50.00	53.50
1989	53.00	48.00	46.00	47.00	42.00	44.00	41.00	41.00	44.00	42.00	44.00	43.00	45.00
1990	**46.00**	**47.00**	**43.00**	**41.00**	**39.00**	**42.00**	**47.00**	**47.00**	**47.00**	**46.00**	**47.00**		**44.50**[2]
All Hay													
1981	46.90	46.50	47.00	51.30	48.10	55.70	44.80	56.40	47.00	47.00	44.00	45.00	49.00
1982	46.00	49.00	47.00	48.00	49.00	47.00	48.00	43.00	45.60	50.10	47.60	46.00	47.50
1983	43.30	45.00	50.00	49.00	48.00	48.00	48.00	52.00	53.00	53.00	56.00	55.00	49.50
1984	52.00	58.00	57.00	51.00	50.00	48.00	51.00	50.00	53.00	54.00	57.00	52.00	52.00
1985	47.00	51.00	51.00	50.00	50.00	53.00	57.00	58.00	54.00	54.00	53.00	55.00	52.00
1986	59.00	63.00	60.00	59.00	65.00	61.00	56.00	62.00	62.00	60.00	59.00	58.00	61.00
1987	56.00	58.00	53.00	58.00	54.00	50.00	51.00	54.00	52.00	51.00	52.00	52.00	53.00
1988	55.00	61.00	57.00	53.00	56.00	57.00	57.00	61.00	61.00	62.00	59.00	54.00	58.00
1989	56.00	51.00	49.00	50.00	46.00	48.00	45.00	45.00	48.00	46.00	47.00	47.00	48.50
1990	**50.00**	**50.00**	**47.00**	**46.00**	**44.00**	**47.00**	**51.00**	**51.00**	**51.00**	**51.00**	**52.00**		**49.00**[2]

[1] Marketing year is May 1 of the current year through April 30 of the following year.
[2] Preliminary based on the first eleven months of the marketing year.

HAY: PRODUCTION, STOCKS ON FARMS, TENNESSEE, 1981-1990

Crop Year	Production	Stocks			
		January 1[1]	Percent Of Production	May 1[1]	Percent Of Production
1981	2,078	1,559	75.0	520	25.0
1982	2,190	1,730	79.0	416	19.0
1983	1,994	1,396	70.0	359	18.0
1984	2,528	1,795	71.0	455	18.0
1985	3,080	2,064	67.0	524	17.0
1986	2,152	1,980 [2]	92.0	258	12.0
1987	2,698	2,536	94.0	378	14.0
1988	2,331	2,075	89.0	350	15.0
1989	3,499	2,904	83.0	840	24.0
1990	**3,255**	**2,767**	**85.0**	**651**	**20.0**

[1] Following year stocks.
[2] December 1 of crop year beginning in 1986.

HAY: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1990

District and County	Alfalfa			All Other Hay			Total		
	Acreage Harvested	Yield Per Acre	Production	Acreage Harvested	Yield Per Acre	Production	Acreage Harvested	Yield Per Acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Dyer	1/			7,600	2.0	15,000	2/		
Lake	1/			1,100	2.0	2,200	2/		
Lauderdale	700	3.3	2,300	3,300	1.6	5,300	4,000	1.9	7,600
Obion	900	4.2	3,800	6,800	2.0	13,500	7,700	2.2	17,300
Shelby	900	3.2	2,900	12,300	1.5	18,500	13,200	1.6	21,400
Tipton	1/			3,900	2.2	8,500	2/		
Other Counties	800	3.8	3,000	0	---	0	13,400	2.1	28,700
District 10	3,300	3.6	12,000	35,000	1.8	63,000	38,300	2.0	75,000
Benton	1/			4,500	1.8	8,000	2/		
Carroll	700	4.4	3,100	11,300	2.0	23,000	12,000	2.2	26,100
Chester	1/			4,900	2.0	10,000	2/		
Crockett	1/			3,900	1.8	7,000	2/		
Decatur	1/			9,600	1.9	18,000	2/		
Fayette	1/			18,200	1.2	21,000	2/		
Gibson	600	3.5	2,100	8,500	2.2	19,000	9,100	2.3	21,100
Hardeman	1/			10,100	1.6	16,000	2/		
Hardin	1/			7,500	2.1	16,000	2/		
Haywood	1/			4,700	1.8	8,500	2/		
Henderson	1/			15,500	2.0	30,500	2/		
Henry	1,400	3.5	4,900	14,500	2.1	31,000	15,900	2.3	35,900
McNairy	1/			6,000	1.8	11,000	2/		
Madison	1/			7,200	1.7	12,000	2/		
Weakley	500	3.4	1,700	8,600	2.2	19,000	9,100	2.3	20,700
Other Counties	1,500	3.5	5,200	0	---	0	93,600	1.7	163,200
District 20	4,700	3.6	17,000	135,000	1.9	250,000	139,700	1.9	267,000
Cheatham	1/			7,800	2.1	16,500	2/		
Dickson	700	3.1	2,200	17,000	1.9	32,000	17,700	1.9	34,200
Hickman	1/			13,000	2.1	27,500	2/		
Houston	1/			5,000	2.4	12,000	2/		
Humphreys	1/			10,000	2.0	20,000	2/		
Lawrence	900	3.6	3,200	27,500	1.9	52,000	28,400	1.9	55,200
Lewis	1/			3,500	1.9	6,500	2/		
Montgomery	800	3.3	2,600	21,500	1.7	36,000	22,300	1.7	38,600
Perry	1/			3,800	1.7	6,500	2/		
Robertson	2,300	2.5	5,800	32,000	1.8	56,000	34,300	1.8	61,800
Stewart	1/			3,900	2.8	11,000	2/		
Wayne	1/			10,000	1.9	19,000	2/		
Other Counties	1,500	3.5	5,200	0	---	0	58,500	2.1	124,200
District 30	6,200	3.1	19,000	155,000	1.9	295,000	161,200	1.9	314,000
Bedford	1,400	4.5	6,300	28,000	2.1	58,000	29,400	2.2	64,300
Cannon	500	3.8	1,900	11,400	2.0	22,500	11,900	2.1	24,400
Clay	1/			8,400	2.0	16,500	2/		
Davidson	1/			8,500	1.5	12,500	2/		
DeKalb	500	3.6	1,800	10,600	1.9	20,000	11,100	2.0	21,800
Giles	1,600	3.0	4,800	35,500	1.8	65,500	37,100	1.9	70,300
Jackson	1/			8,900	2.0	18,000	2/		
Lincoln	1,200	3.0	3,600	36,500	2.0	73,000	37,700	2.0	76,600
Macon	600	2.5	1,500	16,800	1.8	30,000	17,400	1.8	31,500
Marshall	1,900	3.9	7,500	25,200	2.2	56,000	27,100	2.3	63,500
Maury	2,000	3.5	7,000	46,000	2.0	92,000	48,000	2.1	99,000
Moore	1/			8,100	2.2	17,500	2/		
Rutherford	1,900	3.4	6,500	31,000	1.8	55,000	32,900	1.9	61,500
Smith	500	3.6	1,800	19,500	2.1	41,500	20,000	2.2	43,300
Sumner	1,700	2.7	4,600	33,500	1.9	62,000	35,200	1.9	66,600
Trousdale	1/			12,100	1.7	20,500	2/		
Williamson	2,000	3.0	6,000	39,500	1.7	68,500	41,500	1.8	74,500
Wilson	1,000	3.5	3,500	35,500	1.9	66,000	36,500	1.9	69,500
Other Counties	1,000	3.2	3,200	0	---	0	47,000	1.9	88,200
District 40	17,800	3.4	60,000	415,000	1.9	795,000	432,800	2.0	855,000

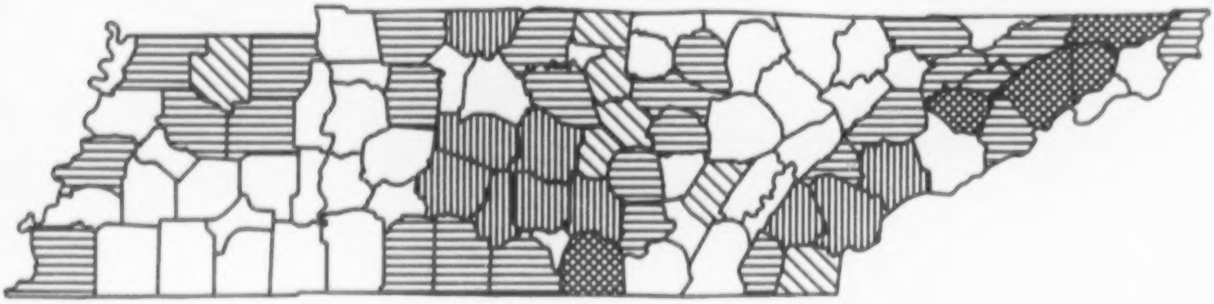
1/ Less than 500 acres harvested, combined with other counties.
2/ Not published —alfalfa acreage less than 500.

HAY: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1990

District and County	Alfalfa			All Other Hay			Total		
	Acreage Harvested	Yield Per Acre	Production	Acreage Harvested	Yield Per Acre	Production	Acreage Harvested	Yield Per Acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Bledsoe	500	3.0	1,500	19,400	2.5	48,000	19,900	2.5	49,500
Coffee	1,400	3.6	5,000	18,500	2.2	41,000	19,900	2.3	46,000
Cumberland	1/			15,900	2.0	32,500	2/		
Fentress	1/			9,500	2.1	19,500	2/		
Franklin	2,200	3.9	8,500	19,400	1.8	35,000	21,600	2.0	43,500
Grundy	800	2.8	2,200	4,200	1.5	6,500	5,000	1.7	8,700
Marion	1/			7,700	2.9	22,000	2/		
Morgan	1/			6,200	2.4	15,000	2/		
Overton	900	3.3	3,000	16,300	2.2	36,500	17,200	2.3	39,500
Pickett	1/			7,000	2.2	15,500	2/		
Putnam	600	3.5	2,100	15,800	1.8	28,000	16,400	1.8	30,100
Scott	1/			4,800	1.9	9,000	2/		
Sequatchie	1/			3,200	1.7	5,500	2/		
Van Buren	1/			4,400	2.4	10,500	2/		
Warren	1,100	3.6	4,000	28,400	2.0	56,000	29,500	2.0	60,000
White	1,000	3.4	3,400	24,300	1.8	44,500	25,300	1.9	47,900
Other Counties	1,300	3.3	4,300	0	---	0	60,000	2.2	133,800
District 50	9,800	3.5	34,000	205,000	2.1	425,000	214,800	2.1	459,000
Anderson	1/			9,300	2.7	25,500	2/		
Blount	1,400	4.0	5,600	28,000	2.5	71,000	29,400	2.6	76,600
Bradley	900	4.1	3,700	17,500	2.3	40,000	18,400	2.4	43,700
Campbell	1/			6,700	2.3	15,500	2/		
Carter	1/			7,500	2.7	20,000	2/		
Claiborne	900	3.8	3,400	23,100	2.1	48,000	24,000	2.1	51,400
Cocke	600	3.7	2,200	12,400	2.6	32,500	13,000	2.7	34,700
Grainger	1,200	4.0	4,800	15,700	2.7	42,500	16,900	2.8	47,300
Greene	4,300	4.0	17,000	61,000	2.4	144,500	65,300	2.5	161,500
Hamblen	900	4.0	3,600	13,700	2.6	36,000	14,600	2.7	39,600
Hamilton	1/			8,500	2.5	21,500	2/		
Hancock	1/			6,500	2.5	16,000	2/		
Hawkins	1,000	4.0	4,000	25,500	2.5	64,800	26,500	2.6	68,800
Jefferson	3,100	3.8	11,800	26,500	2.5	66,500	29,600	2.6	78,300
Johnson	1,000	3.8	3,800	9,200	3.0	28,000	10,200	3.1	31,800
Knox	800	3.6	2,900	18,800	2.3	43,000	19,600	2.3	45,900
Loudon	1,100	4.0	4,400	24,600	2.2	54,000	25,700	2.3	58,400
McMinn	1,600	4.1	6,500	28,000	2.5	70,500	29,600	2.6	77,000
Meigs	1/			10,000	2.1	20,500	2/		
Monroe	1,700	4.0	6,800	20,500	2.3	48,000	22,200	2.5	54,800
Polk	500	4.0	2,000	7,900	2.9	23,000	8,400	3.0	25,000
Rhea	1/			9,900	2.2	21,500	2/		
Roane	1/			12,900	2.3	30,000	2/		
Sevier	1/			12,800	2.5	32,500	2/		
Sullivan	2,000	4.1	8,200	22,500	2.2	50,500	24,500	2.4	58,700
Unicoi	1/			1,000	2.7	2,700	2/		
Union	1/			11,000	2.0	22,000	2/		
Washington	2,700	3.7	10,000	34,000	2.5	84,500	36,700	2.6	94,500
Other Counties	2,500	3.7	9,300	0	---	0	98,600	2.4	237,000
District 60	28,200	3.9	110,000	485,000	2.4	1,175,000	513,200	2.5	1,285,000
State	70,000	3.6	252,000	1,430,000	2.1	3,003,000	1,500,000	2.2	3,255,000

1/ Less than 500 acres harvested, combined with other counties.
2/ Not published —alfalfa acreage less than 500.

Tennessee Alfalfa: 1990 Production



ALFALFA 1990 PRODUCTION

TOP FIVE COUNTIES

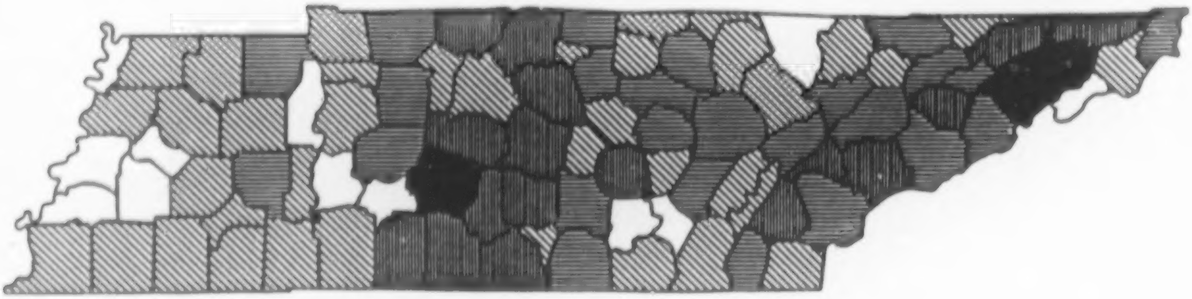
1.	GREENE	17,000
2.	JEFFERSON	11,800
3.	WASHINGTON	10,000
4.	FRANKLIN	8,500
5.	SULLIVAN	8,200

TONS

▦ OVER 8,000
▥ 5,000 to 7,999
▤ 2,000 to 4,999
▨ UNDER 2,00
□ NO PRODUCTION

Tennessee All Other Hay Production

1990---Total Tons



ALL OTHER HAY PRODUCTION

TOP FIVE COUNTIES

1.	GREENE	144,500
2.	MAURY	92,000
3.	WASHINGTON	84,500
4.	LINCOLN	73,000
5.	BLOUNT	71,000

TONS

■ OVER 75,000
▥ 50,000-74,999
▤ 25,000-49,999
▨ 10,000-24,999
□ UNDER 10,000

GRAIN STOCKS BY STORAGE POSITION, TENNESSEE, SELECTED YEARS

	January 1			April 1		
Year	On Farm	Off Farm[1]	Total	On Farm	Off Farm[1]	Total
		1,000 Bushels			1,000 Bushels	
			SOYBEANS			
1982	15,863	19,501	35,364	6,463	6,684	13,147
1983	17,676	16,925	34,601	6,705	9,505	16,210
1984	9,456	10,677	20,133	4,728	4,633	9,361
1985	14,911	10,842	25,753	9,620	4,257	13,877
1986	10,862	11,992	22,854	4,979	4,771	9,750

GRAIN STOCKS BY STORAGE POSITION, TENNESSEE, 1986-1990

	December 1			Following March 1		
Year	On Farm	Off Farm[1]	Total	On Farm	Off Farm[1]	Total
		1,000 Bushels			1,000 Bushels	
			SOYBEANS			
1986	19,000	11,800	30,800	5,000	10,145	15,145
1987	6,500	8,231	14,731	3,800	6,228	10,028
1988	5,500	11,200	16,700	2,000	5,157	7,157
1989	7,400	11,587	18,987	4,000	3,875	7,875
1990	**7,000**	**13,246**	**20,246**	**4,000**	**8,173**	**12,173**
			CORN			
1986	[2]	18,664	[2]	[2]	17,448	[2]
1987	[2]	24,250	[2]	[2]	21,211	[2]
1988	[2]	17,363	[2]	[2]	11,721	[2]
1989	[2]	10,031	[2]	[2]	7,624	[2]
1990	[2]	**7,105**	[2]	[2]	**6,553**	[2]
			WHEAT			
1986	[2]	5,024	[2]	[2]	4,350	[2]
1987	[2]	3,660	[2]	[2]	3,721	[2]
1988	[2]	7,060	[2]	[2]	5,059	[2]
1989	[2]	3,672	[2]	[2]	1,966	[2]
1990	[2]	**6,180**	[2]	[2]	**4,437**	[2]

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[1] Includes stocks at mills, elevators, warehouses, terminals, and processors.

[2] Estimates discontinued.

GRAIN STOCKS BY STORAGE POSITION, TENNESSEE, SELECTED YEARS

Year	June 1			September 1		
	On Farm	Off Farm[1]	Total	On Farm	Off Farm[1]	Total
	1,000 Bushels			1,000 Bushels		
SOYBEANS						
1981	4,361	4,538	8,899	1,836	1,840	3,676
1982	3,819	2,944	6,763	1,293	1,165	2,458
1983	4,267	4,599	8,866	1,524	2,514	4,038
1984	1,576	3,391	4,967	630	1,483	2,113
1985	5,772	2,058	7,830	3,367	1,169	4,536
1986	4,073	3,566	7,639	1,800	2,179	3,979
1987	1,700	7,836	9,536	1,300	2,107	3,407
1988	1,000	2,281	3,281	600	1,848	2,448
1989	900	362	1,262	600	170	770
1990	**1,200**	**3,000**	**4,200**	**500**	**655**	**1,155**
CORN						
1986	[2]	7,185	[2]	[2]	9,332	[2]
1987	[2]	15,767	[2]	[2]	14,057	[2]
1988	[2]	19,477	[2]	[2]	12,474	[2]
1989	[2]	7,180	[2]	[2]	4,405	[2]
1990	[2]	**5,964**	[2]	[2]	**2,388**	[2]
WHEAT						
1986	[2]	2,726	[2]	[2]	6,462	[2]
1987	[2]	2,859	[2]	[2]	4,470	[2]
1988	[2]	2,837	[2]	[2]	10,471	[2]
1989	[2]	1,670	[2]	[2]	5,054	[2]
1990	[2]	**1,313**	[2]	[2]	**8,248**	[2]
GRAIN SORGHUM						
1986	1,488	2,685	4,173	700	2,532	3,232
1987	1,650	5,725	7,375	1,000	5,787	6,787
1988	400	6,033	6,433	500	4,687	5,187
1989	300	2,633	2,933	200	2,608	2,808
1990	[2]	**1,474**	[2]	[2]	**1,560**	[2]

[1] Includes stocks at mills, elevators, warehouses, terminals, and processors.

[2] Estimates discontinued.

1990 TOMATO PRODUCTION – THIRD MOST ON RECORD

Tennessee's tomato growers expanded operations in 1990 and produced the third largest crop ever recorded. Planted acreage was the most since 1946. Acreage actually harvested, however, matched the year's 1986, 1982, and 1981. Flooding and the effects of extremely hot mid-summer temperatures led to growers never harvesting 400 of the state's 4,700 acres. Yields per acre varied considerably based on the size of operation. Tennessee's overall average tomato yield was 200 hundredweight per acre, about equaling the five-year average, but the best since 1986. In general, large growers (100+ acres) and small ones (1 – 10 acres) had a good year. However, medium-sized producers (11 – 99 acres) had a poor year. Production, at 860,000 hundredweight, was up 71 percent from 1989 and ranked third on record, next to 1985 and 1986. Growers received an average of $24.00 per hundredweight. The value of Tennessee's tomato crop was $20.6 million, up 64 percent from 1989 and the second highest in history.

TOMATOES, FRESH MARKET: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1981–1990

Crop Year	Acreage		Yield Per Acre	Production	Marketing Year Average Price Per Cwt.	Value of Producton
	Planted	Harvested				
	Acres		Tons	1,000 Tons	Dollars	1,000 Dollars
1981	4,500	4,300	120	516	23.50	12,126
1982	4,500	4,300	125	538	23.10	12,428
1983	4,300	4,000	100	400	20.00	8,000
1984	4,200	3,900	200	780	23.00	17,940
1985	4,200	4,000	280	1,120	19.00	21,280
1986	4,600	4,300	210	903	20.00	18,060
1987	4,100	3,900	180	702	23.00	16,146
1988	4,200	3,900	180	702	28.00	19,656
1989	4,000	3,600	140	504	25.00	12,600
1990	4,700	4,300	200	860	24.00	20,640

AVERAGE SNAP BEAN CROP – BUT GOOD PRICES

Tennessee growers of snap beans for the processed market enjoyed good prices and about average per-acre yields in 1990. Snap beans for processing brought an average of $230 a ton, second best only to last year's $240 per ton. The processed snap bean crop was worth $2.05 million. Production in 1990 amounted to 8.9 million tons, down 2 percent from 1989. The average yield was 1.78 tons per acre. This yield was slightly better than normal and fractionally better than 1989. Dry, hot, mid-summer weather kept yields down below what was hoped early in the season, but didn't cause growers to plow under acreage to the extent experienced in 1989. Producers reduced their planting in 1990 by 13 percent, but managed to harvest almost as much acreage as in 1989.

SNAP BEANS, PROCESSING: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1981–1990

Crop Year	Acreage		Yield Per Acre	Production	Marketing Year Average Price Per Ton	Value of Producton
	Planted	Harvested				
	Acres		Tons	1,000 Tons	Dollars	1,000 Dollars
1981	7,800	7,600	2.54	19,300	211.00	4,072
1982	7,400	6,900	2.59	17,870	204.00	3,645
1983	5,300	4,900	1.82	8,920	200.00	1,784
1984	5,400	5,300	2.14	11,340	204.00	2,313
1985	5,200	5,000	2.25	11,250	203.00	2,284
1986	5,700	5,300	1.43	7,580	199.00	1,508
1987	5,700	5,400	2.00	10,800	195.00	2,106
1988	6,600	6,000	1.40	8,400	210.00	1,764
1989	6,000	5,200	1.75	9,100	240.00	2,184
1990	5,200	5,000	1.78	8,900	230.00	2,047

WEATHER-REDUCED APPLE CROP

Tennessee's apple crop totaled 8.5 million pounds in 1990. This compares with 11.5 million pounds produced in 1989 and the ten-year average of 10.45 million pounds. Utilized production, that portion of the crop that was salable, numbered 7.7 million pounds. Mid-April freezing temperatures and periodic hail damage were responsible for reducing the crop. Hot, dry August weather also reduced apple size and caused some droppage. Some growers, especially small and medium-sized growers, lost entire crops to the weather. The state's most popular variety, Red Delicious, was scarce while the state's second-favorite, Golden Delicious, was fairly productive. On the bright side, producers received an average of 17.9 cents per pound, the highest price since 1986. Tennessee's 1990 apple crop was valued at $1.38 million.

COMMERCIAL APPLES: PRODUCTION, PRICE, AND VALUE, TENNESSEE, 1981-1990[1]

Crop Year	Total Production[2]	Utilized Production[3]	Marketing Year Average Price[4]	Value of Producton[5]
	Million Pounds		Cents Per Pound	1,000 Dollars
1981	11.0	9.5	12.90	1,230
1982	4.5	4.2	17.70	742
1983	8.5	8.2	14.50	1,192
1984	13.0	11.5	16.10	1,846
1985	11.0	10.0	13.60	1,358
1986	9.0	8.5	18.50	1,572
1987	15.0	14.0	13.40	1,880
1988	12.5	11.0	15.60	1,720
1989	11.5	10.0	14.80	1,475
1990	8.5	7.7	17.90	1,380

[1] "Commercial" refers to the total production in orchards of 100 or more bearing age trees.

[2] Total production is the quantity actually harvested plus quantities which were not harvested because of economic or natural reasons.

[3] Utilized production is the amount sold plus the quantities used at home or held in storage.

[4] Average for all methods of sale.

[5] Value of production is price times utilized production.

COMMERCIAL APPLES: BEARING TREES AND ACRES, YIELD, AND PRODUCTION, TENNESSEE 1981-1990

Crop Year	Bearing[1]		Yield Per		Total Production
	Trees	Acres	Tree	Acre	
			Pounds		Million Pounds
1981	[2]	1,200	[2]	9,170	11.0
1982	110,000	1,300	40.9	3,460	4.5
1983	140,000	1,400	60.7	6,070	8.5
1984	140,000	1,500	92.9	8,670	13.0
1985	150,000	1,500	73.3	7,330	11.0
1986	160,000	1,600	56.3	5,630	9.0
1987	170,000	1,600	88.2	9,380	15.0
1988	180,000	1,700	69.4	7,350	12.5
1989	180,000	1,700	63.9	6,760	11.5
1990	190,000	1,800	44.7	4,720	8.5

[1] A tree set out at least four years is considered bearing.

[2] Not available.

POOR PEACH CROP AGAIN

Peach growers in 1990 encountered heavy freeze losses for the second consecutive year and produced a crop of only 1.3 million pounds, the same as 1989. The ten-year average production is only 5.3 million pounds and includes five severely weather-reduced crops and one year of total crop failure. The best crop in the 1980's was 11.0 million pounds produced in 1988. Hard freezes took their toll periodically during late-March through mid-April. Many orchards suffered a total crop loss. This year's crop was produced by growers who irrigated for frost protection and those with late-blooming varieties. Those fortunate to produce a crop received a record high 37.0 cents per pound. The value of Tennessee's peach crop in 1990 was $407,000, down 8 percent from 1989.

COMMERCIAL PEACHES: PRODUCTION, PRICE, AND VALUE, TENNESSEE,1981-1990[1]

Crop Year	Total Production[2]	Utilized Production[3]	Marketing Year Average Price[4]	Value of Producton[5]
	Million Pounds		Cents Per Pound	1,000 Dollars
1981	10.0	9.5	18.50	1,758
1982	1.5	1.5	25.00	375
1983	4.0	4.0	22.00	880
1984	10.0	9.0	21.00	1890
1985	[6]	[6]	[6]	[6]
1986	4.0	3.7	24.00	888
1987	2.6	2.5	34.60	865
1988	11.0	9.0	29.70	2,673
1989	1.3	1.2	36.90	443
1990	1.3	1.1	37.00	407

[1] "Commercial" refers to the total production in orchards of 100 or more bearing age trees.

[2] Total production is the quantity actually harvested plus quantities which were not harvested because of economic or natural reasons.

[3] Utilized production is the amount sold plus the quantities used at home or held in storage.

[4] Average for all methods of sale.

[5] Value of production is price times utilized production.

[6] No significant production due to frost.

COMMERCIAL PEACHES: BEARING TREES AND ACRES, YIELD, AND PRODUCTION, TENNESSEE, 1981-1990

Crop Year	Bearing[1]		Yield Per		Total Production
	Trees	Acres	Tree	Acre	
			Pounds		Million Pounds
1981	60,000	1,000	166.7	1,000	10.0
1982	83,000	1,000	18.1	1,500	1.5
1983	120,000	1,200	33.3	3,330	4.0
1984	130,000	1,300	76.9	7,690	10.0
1985	130,000	1,300	[2]	[2]	[2]
1986	140,000	1,400	28.6	2,860	4.0
1987	150,000	1,400	17.3	1,860	2.6
1988	160,000	1,500	68.8	7,330	11.0
1989	160,000	1,500	8.1	870	1.3
1990	160,000	1,500	8.1	870	1.3

[1] A tree set out at least four years is considered bearing.

[2] No significant production due to frost.

FLORICULTURE: PRODUCTION AND VALUE, TENNESSEE, 1985-1990

Crop Year	Producers[1]	Production Area	Quantity Sold	Percentage of Sales at Wholesale	Wholesale Price	Value of Sales at Wholesale[2]
	Number	1,000 Square Feet	1,000	Percent	Dollars	1,000 Dollars
			CHRYSANTHEMUMS, STANDARD CUT FLOWERS (BLOOMS)			
1985	8	137	882	100	.538	475
1986	12	141	831	100	.506	420
1987	11	125	824	100	.441	363
1988	10	251	1,151	81	.434	500
1989	8	161	754	100	.510	385
1990	7	156	793	100	.478	379
			CHRYSANTHEMUMS, EXCLUDING HARDY (POTTED)[3]			
1985	20	154	181	95	3.44	623
1986	23	180	235	98	3.46	813
1987	30	265	252	90	3.27	824
1988	22	201	233	95	3.69	859
1989	26	168	209	97	3.89	813
1990	20	128	175	95	3.92	686
			CHRYSANTHEMUMS, HARDY (POTTED)			
1985	47	269	282	74	1.72	485
1986	44	317	186	76	1.71	318
1987	59	338	287	75	1.49	428
1988	54	348	357	80	1.89	673
1989	73	502	440	84	1.59	698
1990	86	703	538	79	1.65	888
			EASTER LILIES (POTTED)			
1985	19	134	103	98	3.79	390
1986	20	63	75	98	3.77	283
1987	27	74	91	90	3.84	349
1988	24	77	83	95	3.88	322
1989	22	84	92	95	3.62	333
1990	27	75	79	91	3.96	313
			FINISHED FLORIST AZALEAS (POTTED)			
1985	[4]	[4]	[4]	[4]	[4]	[4]
1986	16	81	46	97	6.54	301
1987	21	81	76	90	6.24	474
1988	22	58	92	58	6.74	620
1989	22	65	50	94	6.90	345
1990	23	48	43	93	7.19	309
			POINSETTIAS (POTTED)			
1985	69	890	583	87	3.17	1,848
1986	77	988	609	89	3.36	2,046
1987	91	1,179	644	82	3.54	2,277
1988	91	992	736	85	3.83	2,821
1989	91	1,277	781	90	3.57	2,786
1990	87	1,433	851	89	3.35	2,854
			FLOWERING HANGING BASKETS			
1985	77	[4]	322	92	5.00	1,610
1986	91	[4]	278	87	4.63	1,287
1987	130	[4]	382	81	4.80	1,834
1988	115	[4]	294	86	5.94	1,746
1989	161	[4]	401	79	5.23	2,097
1990	160	[4]	415	67	5.02	2,083

[1] Number of growers with sales of $10,000 or more. [2] Equivalent wholesale value of combined retail and wholesale sales. [3] Includes only those sold for indoor and patio use. [4] Not available.

FLORICULTURE: PRODUCTION AND VALUE, TENNESSEE, 1985-1990

Crop Year	Producers[1]	Production Area	Quantity Sold	Percentage of Sales at Wholesale	Wholesale Price	Value of Sales at Wholesale[2]
	Number	1,000 Square Feet	1,000	Percent	Dollars	1,000 Dollars
			FOLIAGE HANGING BASKETS			
1985	54	[3]	163	94	4.88	795
1986	72	[3]	170	88	4.99	848
1987	110	[3]	265	81	5.68	1,505
1988	98	[3]	237	87	5.86	1,389
1989	119	[3]	250	87	5.43	1,158
1990	122	[3]	179	75	5.68	1,017
			FOLIAGE PLANTS (POTTED)			
1985	34	200	[3]	78	[3]	851
1986	35	115	[3]	84	[3]	400
1987	40	177	[3]	84	[3]	749
1988	40	253	[3]	80	[3]	715
1989	44	193	[3]	70	[3]	641
1990	47	180	[3]	77	[3]	761
			BEDDING GERANIUMS (FLATS)			
1985	27	82	48	69	6.55	314
1986	33	108	54	71	7.31	395
1987	30	270	105	90	6.95	730
1988	41	180	107	90	5.85	626
1989	52	98	53	68	6.79	360
1990	46	120	73	56	6.53	477
			BEDDING GERANIUMS FROM CUTTINGS (POTTED)			
1985	64	258	639	81	1.18	754
1986	61	169	307	76	1.37	421
1987	90	322	519	64	1.41	732
1988	81	276	419	58	1.65	691
1989	95	253	419	58	1.83	767
1990	91	246	428	49	1.79	766
			BEDDING GERANIUMS FROM SEED (POTTED)			
1985	25	64	203	84	1.01	205
1986	36	151	349	73	1.06	370
1987	61	200	453	76	1.14	517
1988	65	161	384	75	.97	372
1989	68	220	640	89	.78	497
1990	65	166	633	71	.61	383
			BEDDING/GARDEN VEGETABLE (FLATS)			
1985	83	393	332	62	5.18	1,720
1986	85	382	215	69	4.90	1,054
1987	115	475	259	51	5.29	1,370
1988	115	396	173	70	5.53	957
1989	140	398	200	65	5.70	1,140
1990	128	455	218	67	5.87	1,280
			VEGETABLE TYPE BEDDING PLANTS (POTTED)			
1985	20	48	104	85	.85	88
1986	21	22	39	50	.72	28
1987	38	52	103	51	.80	82
1988	34	68	115	65	1.07	123
1989	42	81	151	72	.86	130
1990	50	91	198	62	.91	181

[1] Number of growers with sales of $10,000 or more. [2] Equivalent wholesale value of combined retail and wholesale sales. [3] Not available.

PASTURE CONDITION: TENNESSEE, 1981-1990[1]

Year	May	June	July	Aug.	Sep.	Oct.	Nov.
1981	89	89	91	89	88	85	82
1982	85	87	80	82	88	88	84
1983	81	93	91	70	47	47	60
1984	85	91	77	83	85	60	78
1985	84	86	86	72	85	81	85
1986	72	75	72	66	72	79	81
1987	83	79	78	75	69	75	67
1988	81	76	24	42	56	75	84
1989	91	94	99	99	91	95	97
1990	88	90	73	82	59	64	79
10 Yr. Avg.	84	86	77	76	74	75	80

[1] Good to excellent, 80 and over; poor to fair, 65-79; very poor, 50-64; severe drought, 35-49; extreme drought, under 35.

Livestock, Dairy, and Poultry

TENNESSEE LIVESTOCK SUMMARY

Tennessee livestock and poultry on hand at the end of 1990 was worth $1.3 billion, up 4 percent from a year ago, and 5 percent above two years ago. The number of cattle, hogs, and chickens in the state decreased during 1990 while the number of sheep increased. The value per head for hogs and pigs and chickens increased by 7 percent and 207 percent respectively. The value per head for cattle and calves, and sheep and lambs increased by 7 percent and 6 percent respectively.

The Tennessee cattle and calf inventory totaled 2.25 million head on January 1, 1991, down 50,000 head from a year earlier. All cows that had calved decreased by 30,000 head from 1990. There was a 3 percent decrease in the number of beef cows, while the number of milk cows remained unchanged from a year earlier. All heifers increased 8 percent due to increases in heifers for beef cow replacement and other heifers whose numbers increased by 11 percent and 39 percent respectively from 1990. Milk replacement heifers exhibited a 20 percent decrease from 1990. There were 112,000 steers on hand which was unchanged from the previous year. The number of bulls in the State decreased 4,000 head from January 1, 1990 to 60,000 on January 1, 1991. Calves weighing less than 500 pounds on January 1, 1991 totaled 583,000 head, 41,000 head less than a year earlier. The 1990 calf crop for Tennessee was 1,075,000 head, down 25,000 head from 1989. Cash receipts from marketings of cattle and calves during 1990 totaled $497.2 million, up 8 percent from a year earlier. The average price per hundredweight was higher than a year ago for both cattle and calves.

There were 620,000 hogs and pigs in Tennessee on December 1, 1990, the lowest Dec. 1 inventory level on record. The second and third lowest counts were 700,000 in 1989 and 750,000 in 1982. Market hogs totaled 530,000, down 12 percent from December 1, 1989, while gilts and boars kept for breeding totaled 90,000 head. The pig crop for 1990 totaled 1,101,000 head compared with 1,400,000 head in 1989. The December-May pig crop totaled 527,000 head from 68,000 sows. The June-November pig crop totaled 574,000 head from 74,000 sows. Cash receipts from hogs and pigs amounted to $138.2 million in 1990 compared with $159.4 million in 1989.

There were 1.6 million chickens, excluding commercial broilers, on hand in Tennessee on December 1, 1990, down from 1.7 million a year earlier. Cash receipts from chickens amounted to $625,000 in 1990 compared to $865,000 in 1989. The average value per head was $3.00, an increase of $1.55 from the previous year.

There were 14,000 sheep and lambs on hand in Tennessee on January 1, 1990, compared with 12,000 a year earlier. Cash receipts from sheep and lambs amounted to $370,000 in 1990 and $445,000 in 1989. The average value per head decreased to $88.00 in 1991, from $94.00 per head in 1990.

LIVESTOCK OPERATIONS: TENNESSEE, 1984-1990

Year	Cattle	Beef Cows	Milk Cows	Hogs	Sheep
			1,000 Farms		
1984	76		7.0	22.0	.450
1985	76		6.7	21.0	.470
1986	74	64	6.4	18.0	.500
1987	70	60	6.2	15.0	.550
1988	68	58	5.6	14.0	.600
1989	66	56	5.0	13.0	.600
1990	68	59	4.5	8.5	.650

LIVESTOCK ON FARMS: TENNESSEE, JANUARY 1, 1990-1991

Class of Livestock or Poultry	Number		Farm Value Per Head		Total Farm Value	
	1990	1991	1990	1991	1990	1991
	1,000 Head		Dollars		1,000 Dollars	
All Cattle & Calves	2,300	2,250	525.00	560.00	1,207,500	1,260,000
Hogs and Pigs[1]	700	620	80.50	86.00	56,350	53,320
Sheeps and Lambs	12	14	94.00	88.00	1,128	1,232
Chickens[1] [2]	1,680	1,600	1.45	3.00	2,436	4,800
Total					1,267,414	1,319,352

[1] December 1 previous year. [2] Does not include commercial broilers.

LIVESTOCK BY CLASS: TENNESSEE, JANUARY 1, 1986-1991

Classes	1986	1987	1988	1989	1990	1991
			1,000 Head			
All Cows that have Calved	1,250	1,230	1,190	1,240	1,200	1,170
Beef Cows	1,045	1,032	992	1,042	1,005	975
Milk Cows	205	198	198	198	195	195
Heifers 500 Pounds and Over	345	310	285	275	300	325
For Beef Cow Replacement	190	175	165	150	171	190
For Milk Cow Replacement	100	85	75	80	75	60
Other Heifers	55	50	45	45	54	75
Steers 500 Pounds and Over	165	155	40	125	112	112
Bulls 500 Pounds and Over	65	60	60	60	64	60
Heifers, Steers, and Bulls under 500 Pounds	675	645	625	600	624	583
All Cattle and Calves	2,500	2,400	2,300	2,300	2,300	2,250
All Hogs and Pigs[1]	950	770	820	1,000	700	620
Ewes 1 year old and over	7.7	8.7	8.9	8.1	9.2	10.0
Ewe Lambs	.8	2.3	1.7	.8	1.4	1.7
Other Stock Sheep	1.5	2.0	1.4	1.1	1.4	2.3
All Sheep and Lambs	10	13	12	10	12	14
Hens and Pullets of Laying Age[1]	2,680	2,585	2,470	1,730	1,250	1,120
Other Pullets[1]	[2]	815	700	280	350	400
Other Chickens[1]	[2]	100	80	60	80	80
All Chickens[1] [3]	3,300	3,500	3,250	2,070	1,680	1,600

[1] December 1 previous year. [2] Not published to avoid disclosure of individual operations. [3] Does not include commercial broilers.

CATTLE

CATTLE AND CALVES: INVENTORY, PRODUCTION, DISPOSITION, AND INCOME, TENNESSEE, 1985-1991

Year	All Cattle and Calves January 1	Calves Born	Inshipments	Marketing[2]		Slaughter on Farms Cattle and Calves	Deaths	
				Cattle	Calves		Cattle	Calves
				1,000 Head				
1985	2,535	1,120	241	893	360	3	40	100
1986	2,500	1,140	286	970	414	2	45	95
1987	2,400	1,100	359	995	433	6	35	90
1988	2,300	1,130	220	793	432	5	35	85
1989	2,300	1,100	75	655	385	5	40	90
1990	2,300	1,075	86	680	406	5	40	80
1991	**2,250** [1]							

Year	Production[3]	Marktings[4]	Price Per Cwt.		Cash Receipts[5]	Value of Home Consumption	Gross Income
			Cattle	Calves			
	1,000 Pounds		Dollars		1,000 Dollars		
1985	798,765	934,025	44.50	56.50	425,838	9,404	435,242
1986	764,235	991,795	42.50	56.30	435,028	9,026	444,054
1987	743,755	1,026,870	52.20	72.60	557,032	8,865	565,897
1988	726,230	838,270	57.00	83 30	504,832	8,514	513,346
1989	652,080	697,270	61.70	85.00	425,930	9,118	460,642
1990	**664,690**	**725,810**	**65.50**	**88.10**	**454,841**	**9,639**	**497,213**

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[1] Preliminary.

[2] Includes custom slaughter for use on farms where produced and state outshipments, but excludes interfarm sales within the state.

[3] Adjustments made for changes in inventory and for inshipments.

[4] Excludes interfarm sales within the state and custom slaughter on farms where produced.

[5] Receipts from marketings and sale of farm slaugher.

CATTLE AND CALVES: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1985-1990

DOLLARS PER CWT.

BEEF CATTLE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average[1]
1985	43.90	45.50	46.70	49.50	47.40	45.50	41.30	42.80	42.60	42.60	43.80	40.80	44.50
1986	42.00	43.30	44.20	41.70	39.70	41.20	40.20	42.80	44.50	43.60	42.50	43.80	42.50
1987	45.90	48.60	50.40	52.40	50.40	52.90	52.90	56.30	57.00	54.40	52.40	52.10	52.20
1988	54.70	57.00	59.40	57.40	57.90	51.40	52.20	58.50	58.20	60.50	57.00	60.30	57.00
1989	61.50	61.10	62.10	58.60	56.60	61.00	61.60	66.00	62.70	62.10	63.10	61.50	61.70
1990	**64.00**	**64.20**	**65.10**	**67.30**	**69.50**	**66.20**	**69.20**	**68.10**	**64.00**	**62.70**	**63.10**	**71.50**	**65.50**

ALL COWS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average[1]
1985	36.60	37.00	38.00	37.60	38.90	36.30	34.30	34.20	32.70	31.70	32.00	33.00	35.20
1986	33.40	35.40	34.90	32.20	32.90	34.90	33.20	33.80	35.10	34.30	33.50	33.70	33.90
1987	37.70	39.10	40.40	42.20	42.50	42.60	41.70	41.10	42.10	42.10	41.10	44.10	41.30
1988	44.50	45.10	45.50	48.00	46.60	41.10	43.30	45.30	43.60	42.60	43.20	43.40	44.20
1989	42.90	47.10	45.70	45.80	46.70	47.40	47.40	47.20	47.20	45.80	45.50	48.20	46.20
1990	**46.70**	**51.10**	**51.60**	**51.90**	**54.00**	**52.20**	**51.70**	**52.50**	**50.70**	**49.30**	**49.00**	**49.50**	**50.70**

STEERS AND HEIFERS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average[1]
1985	54.00	56.40	55.60	57.80	56.00	53.70	50.00	51.90	50.00	51.10	51.90	50.80	53.40
1986	51.80	53.00	52.30	50.00	48.10	49.30	50.10	52.40	53.70	52.50	51.80	53.90	51.70
1987	54.90	58.60	59.70	62.40	62.10	65.80	65.20	68.90	69.90	64.90	64.70	65.50	63.60
1988	68.40	71.40	71.90	70.90	71.90	67.10	67.70	71.80	72.40	72.40	71.00	73.60	71.10
1989	75.10	74.40	73.30	70.60	70.90	73.60	74.80	74.80	73.40	72.50	73.00	73.00	73.40
1990	**74.70**	**74.00**	**76.90**	**77.80**	**78.70**	**79.10**	**81.10**	**81.90**	**79.30**	**74.10**	**75.80**	**80.40**	**77.40**

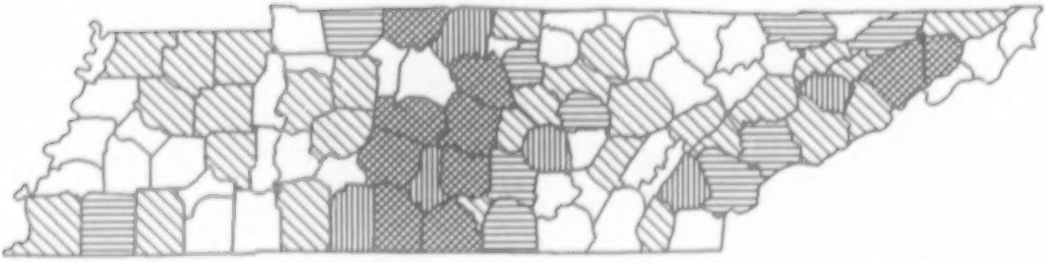
CALVES

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average[1]
1985	56.30	58.30	58.90	60.30	59.70	56.70	53.60	57.30	54.80	54.60	55.90	53.40	56.50
1986	55.90	59.30	57.70	55.40	51.40	53.30	55.80	56.50	59.20	57.50	55.70	56.00	56.30
1987	60.30	65.70	67.20	70.50	72.80	75.00	74.90	78.60	79.70	72.00	75.60	76.20	72.60
1988	81.20	87.00	87.70	90.30	87.80	76.70	81.70	84.10	81.40	81.10	81.50	81.90	83.30
1989	85.90	88.40	87.40	84.60	83.00	88.00	87.70	88.30	85.20	82.70	79.50	77.90	85.00
1990	**83.10**	**88.40**	**92.30**	**92.10**	**93.60**	**92.80**	**89.90**	**91.50**	**86.10**	**82.00**	**84.40**	**87.30**	**88.10**

[1] Marketing year January 1 to December 31. Average Prices are computed by weighting monthly prices by the estimated percentage of sales each month during the marketing year.

TENNESSEE
CATTLE AND CALVES

January 1, 1991

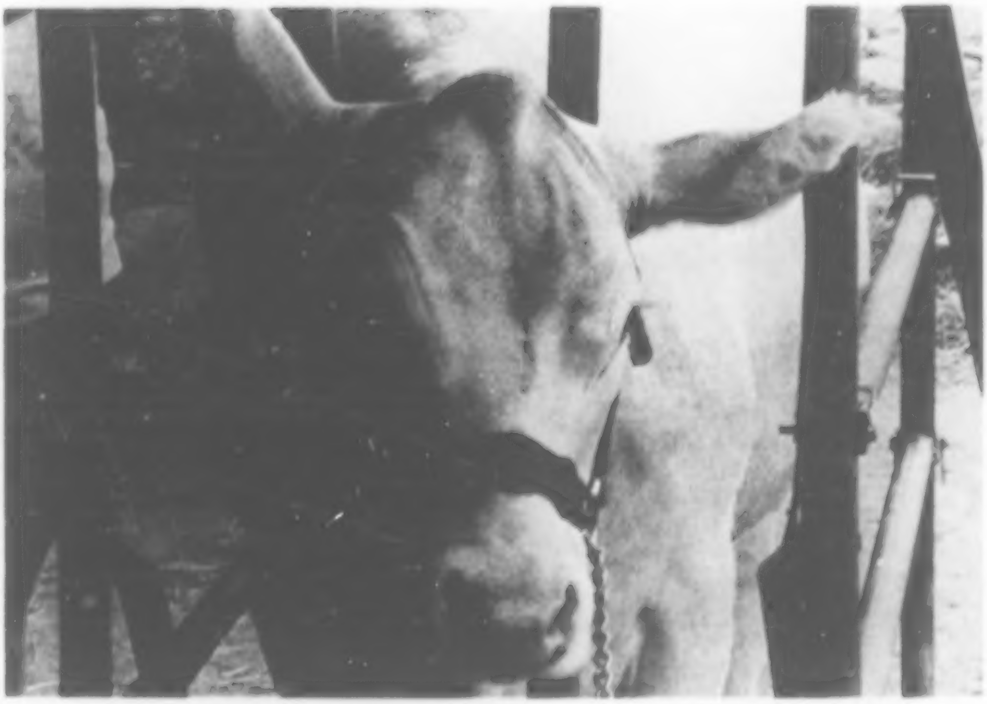


TOP FIVE COUNTIES

1. GREENE	80,000
2. LINCOLN	72,000
3. MAURY	69,000
4. GILES	66,000
5. ROBERTSON	60,000

HEAD

▩	49,000 to 150,000
▥	39,999 to 49,000
▤	29,999 to 39,999
▧	14,999 to 29,999
□	0 to 14,999



CATTLE AND CALVES: TENNESSEE, BY COUNTIES, JANUARY 1, 1990-91[1]

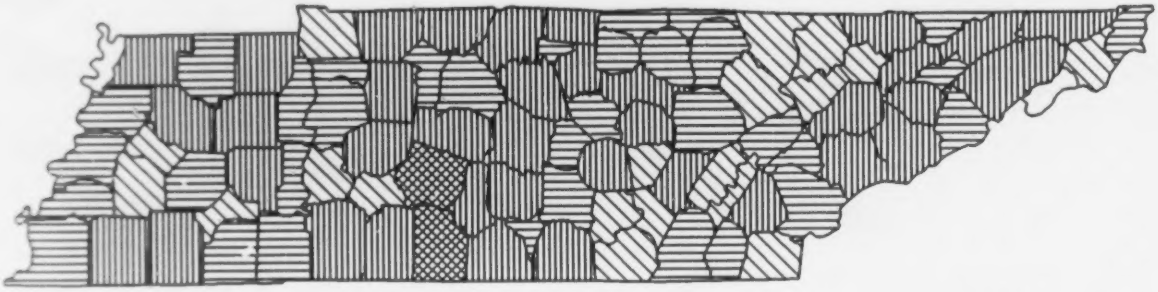
District & County	1990 (Number)	Rank	1991 (Number)	Rank
Dyer	16,700	54	14,000	57
Lake	300	95	0	93
Lauderdale	14,000	61•	12,000	67•
Obion	26,000	33•	24,000	36•
Shelby	15,000	57•	15,000	55
Tipton	15,000	57•	11,000	70•
District 1	87,000		76,000	
Benton	10,000	78	9,000	77•
Carroll	18,500	17	18,000	49
Chester	8,000	86•	7,000	89
Crockett	9,000	81•	8,000	83•
Decatur	14,000	61•	13,000	59•
Fayette	31,500	25•	31,500	25
Gibson	28,500	30•	28,000	29•
Hardeman	16,000	55•	16,000	51•
Hardin	13,500	63•	13,500	58
Haywood	7,500	89•	6,000	90•
Henderson	22,000	40	25,000	35
Henry	27,000	33	26,000	34
McNairy	11,500	69	10,000	74•
Madison	12,000	68	12,000	64•
Weakley	19,000	48	19,000	47•
District 2	248,000		242,000	
Cheatham	10,500	75•	9,500	76
Dickson	32,000	23•	28,500	28
Hickman	21,000	43•	20,000	44•
Houston	9,000	81•	9,000	77•
Humphreys	18,500	49•	16,000	51•
Lawrence	49,000	11	48,000	11
Lewis	7,000	92•	5,500	92•
Montgomery	33,000	21•	32,000	24
Perry	7,500	89•	7,500	86•
Robertson	59,000	6•	60,000	5
Stewart	9,500	79•	9,000	77•
Wayne	21,000	43	20,000	44•
District 3	277,000		265,000	
Bedford	59,000	6•	55,000	7
Cannon	24,000	38•	22,000	41•
Clay	13,000	65•	13,000	59•
Davidson	17,000	53	12,000	64•
De Kalb	17,500	52	17,000	50
Giles	69,000	3	66,000	4
Jackson	11,000	71•	12,000	64•
Lincoln	74,500	2	72,000	2
Macon	21,500	41•	20,000	44•
Marshall	48,000	12•	47,000	12
Maury	65,000	4	69,000	3
Moore	18,000	51	16,000	51•
Rutherford	62,000	5	56,000	6
Smith	35,000	19•	33,000	22
Sumner	48,000	12•	46,000	13
Trousdale	11,000	71•	11,000	70•
Williamson	53,000	8	52,000	9•
Wilson	51,500	9	52,000	9•
District 4	698,000		671,000	
Bledsoe	25,000	36	24,000	36•
Coffee	31,500	25•	30,000	26
Cumberland	20,000	46	21,000	43
Fentress	13,500	63•	13,000	59•
Franklin	33,000	21•	35,000	20
Grundy	8,000	86•	8,000	83•
Marion	9,000	81•	9,000	77•
Morgan	7,000	92•	6,000	90•
Overton	21,500	41•	22,000	41•
Pickett	9,500	79•	9,000	77•
Putnam	31,500	25•	28,000	29•
Scott	5,500	94	5,500	92•
Sequatchie	8,000	86•	7,500	86•
Van Buren	9,000	81•	8,000	83•
Warren	38,000	16	40,000	16
White	35,000	19•	36,000	19
District 5	305,000		302,000	
Anderson	11,000	71•	10,000	74•
Blount	37,000	17•	39,000	17
Bradley	28,500	30•	28,000	29•
Campbell	8,500	85	9,000	77•
Carter	11,500	69•	11,500	69
Claiborne	29,500	29	32,500	23
Cocke	19,500	47	19,000	47•
Grainger	25,000	36•	26,500	33
Greene	80,000	1	80,000	1
Hamblen	24,000	38•	23,000	39•
Hamilton	13,000	65•	13,000	59•
Hancock	13,000	65•	13,000	59•
Hawkins	37,000	17•	37,500	18
Jefferson	42,000	15	41,000	15
Johnson	14,500	60	14,500	56
Knox	30,000	28	29,000	27
Loudon	21,000	43•	23,000	39•
McMinn	48,000	12•	45,000	14
Meigs	11,000	71•	11,000	70•
Monroe	32,000	23•	34,000	21
Polk	10,500	75•	12,000	64•
Rhea	10,500	75•	11,000	70•
Roane	16,000	55•	16,000	51•
Sevier	26,000	33•	24,000	36•
Sullivan	26,000	33•	28,000	29•
Unicoi	15,000	57•	1,500	94
Union	7,500	89•	7,500	86•
Washington	51,000	10	54,500	8
District 6	685,000		694,000	
STATE	2,300,000		2,250,000	

[1] 1990 Final; 1991 Preliminary.

•Tied

TENNESSEE BEEF COWS

January 1, 1991



TOP FIVE COUNTIES

1. MAURY	36,000
2. GILES	30,000
3. LINCOLN	29,000
4. WILSON	27,000
5. GREENE	26,000

HEAD

- ▩ 29,999 to 100,000
- ▥ 9,999 to 29,999
- ▤ 4,999 to 9,999
- ▨ 999 to 4,999
- □ 0 to 999

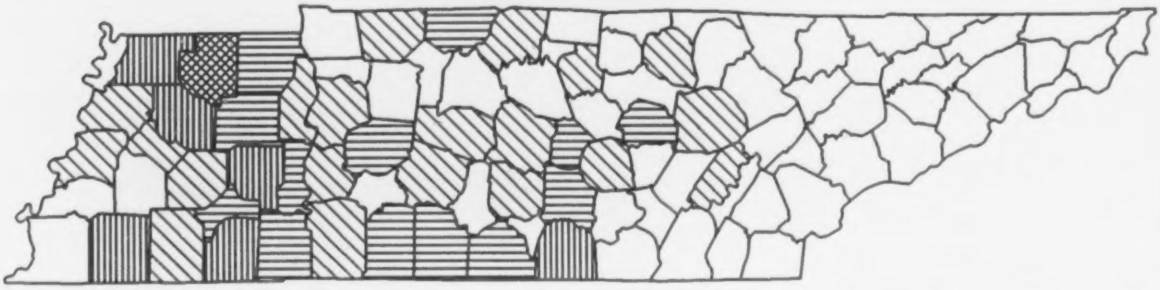
BEEF COWS: TENNESSEE, BY COUNTIES, JANUARY 1, 1990-91[1]

District & County	1990 (Number)	Rank	1991 (Number)	Rank
Dyer	8,000	47*	7,000	55*
Lake	100	95	0	
Coffee	8,000	47*	8,500	45*
Lauderdale	7,000	60	6,500	61*
Obion	14,700	24	14,000	23*
Shelby	9,000	42*	9,000	41*
Tipton	8,200	46	6,500	61*
District 1	47,000		43,000	
Benton	5,500	69	5,500	67*
Carroll	10,000	37	11,000	31*
Chester	3,400	88	3,000	86*
Crockett	4,500	77*	4,500	75*
Decatur	9,000	42*	8,000	48*
Fayette	17,400	17	15,000	19*
Gibson	12,800	27	11,500	27*
Hardeman	10,200	36	10,000	35*
Hardin	6,600	61	7,000	55*
Haywood	4,500	77*	4,000	77*
Henderson	8,500	45	10,500	33*
Henry	14,800	23	11,500	27*
McNairy	6,300	63	6,000	64*
Madison	5,500	69*	7,000	55*
Weakley	8,000	47*	7,500	52*
District 2	127,000		122,000	
Cheatham	5,800	68	5,500	67*
Dickson	17,000	18	15,000	19*
Hickman	9,500	38*	10,000	35*
Houston	5,000	73*	5,000	73*
Humphreys	8,000	47*	7,500	52*
Lawrence	18,500	13	19,500	11
Lewis	3,800	84	3,500	35*
Montgomery	18,000	14*	19,000	12
Perry	3,300	89	3,000	86*
Robertson	24,000	9	25,000	7
Stewart	4,600	76	4,000	77*
Wayne	10,500	35	10,000	35*
District 3	128,000		127,000	
Bedford	27,500	4	26,000	5*
Cannon	8,000	47*	7,500	52*
Clay	6,000	64*	6,000	64*
Davidson	8,000	47*	6,500	61*
De Kalb	7,800	58	8,500	45*
Giles	30,000	2	30,000	2
Jackson	7,500	59	7,000	55*
Lincoln	30,500	1	29,000	3
Macon	9,500	38*	10,000	35*
Marshall	16,000	19*	15,000	19*
Maury	29,000	3	36,000	1
Moore	8,000	47*	7,000	55*
Rutherford	27,000	5	24,000	8*
Smith	18,000	14*	17,500	13
Sumner	23,000	10	23,000	10
Trousdale	6,000	64*	5,000	73*
Williamson	25,700	8	24,000	8*
Wilson	26,500	6*	27,000	4
Bledsoe	12,000	30*	11,000	31*
Cumberland	9,500	38*	9,000	41*
Fentress	6,000	64*	5,500	67*
Franklin	12,500	28*	11,500	27*
Grundy	3,500	85*	3,000	86*
Marion	3,000	90	3,000	86*
Morgan	4,000	81*	3,500	83*
Overton	9,500	38*	8,500	45*
Pickett	5,500	69*	5,500	67*
Putnam	15,500	21	14,000	23*
Scott	2,500	91	2,000	93
Sequatchie	3,500	85*	3,000	86*
Van Buren	4,000	81*	4,000	77*
Warren	19,500	11	17,000	14
White	11,500	32*	13,000	25*
District 5	130,000		122,000	
Anderson	4,500	77*	4,000	77*
Blount	14,500	25	15,000	19*
Bradley	9,000	42*	9,000	41*
Campbell	2,000	92*	2,500	92
Carter	3,500	85*	4,500	75*
Claiborne	12,500	28*	15,500	17*
Cocke	8,000	47*	8,000	48*
Grainger	12,000	30*	11,500	27*
Greene	26,500	6*	26,000	5*
Hamblen	8,000	47*	8,000	48*
Hamilton	5,500	69*	5,500	67*
Hancock	6,500	62	5,500	67*
Hawkins	19,000	12	16,500	15*
Jefferson	18,000	14*	15,500	17*
Johnson	5,000	73*	6,000	64*
Knox	16,000	19*	13,000	25*
Loudon	8,000	47*	8,000	48*
McMinn	13,000	26	10,500	33*
Meigs	5,000	73*	3,500	83*
Monroe	8,000	47*	9,000	41*
Polk	2,000	92*	3,000	86*
Rhea	4,500	77*	4,000	77*
Roane	6,000	64*	7,000	55*
Sevier	11,500	32*	10,000	35*
Sullivan	11,000	34	10,000	35*
Unicoi	500	94	500	94
Union	4,000	81*	4,000	77*
Washington	15,000	22	16,500	15*
District 6	259,000		252,000	
STATE	1,005,000		975,000	

[1] 1990 Final; 1991 Preliminary.

*Tied

TENNESSEE
HOGS AND PIGS



TOP FIVE COUNTIES

1. WEAKLEY	55,000
2. HENDERSON	30,000
3. OBION	29,700
4. FRANKLIN	26,000
5. MCNAIRY	25,000

HEAD

- ▩ 39,999 to 100,000
- ▥ 19,999 to 39,999
- ▤ 9,999 to 19,999
- ▧ 4,999 to 9,999
- ☐ 0 to 4,999

HOGS AND PIGS: NUMBER ON FARMS, DECEMBER 1, 1984-90

Year	Dec. 1 Inventory	Breeding	Market	Under 60 lbs.	Market 60-119 lbs.	120-179 lbs.	180+ lbs.
				1,000 Head			
1984	1,100	150	950	330	240	180	200
1985	950	130	820	290	200	170	160
1986	770	115	655	242	165	123	125
1987	820	117	703	241	186	144	132
1988	1,000	150	850	350	200	155	145
1989	700	100	600	230	155	115	100
1990	**620**	**90**	**530**	**210**	**130**	**110**	**80**

PIG CROP: SOWS FARROWED AND PIGS SAVED, TENNESSEE 1984-90

Year	December-May Farrowings			June-November Farrowings		
	Sows	Pigs Per Litter	Pigs Saved	Sows	Pigs Per Litter	Pigs Saved
	1,000 Head	Number	1,000 Head	1,000 Head	Number	1,000 Head
1984	90	7.40	666	130	7.30	949
1985	95	7.50	713	94	7.60	714
1986	95	7.60	722	92	7.30	672
1987	82	7.30	599	85	7.60	646
1988	105	7.60	799	117	7.50	879
1989	100	7.70	770	86	7.65	658
1990	**68**	**7.75**	**527**	**74**	**7.75**	**574**

SWINE

HOGS AND PIGS: INVENTORY, PRODUCTION, DISPOSITION, AND INCOME, TENNESSEE, 1986-1991

Year	All Hogs[1]	Total Pig Crop		Inshipments	Marketings[3]	Slaughter on Farms	Deaths
		Sows Farrowing	Pig Crop				
				1,000 Head			
1986	950	187	1,394	191	1,625	50	90
1987	770	167	1,245	164	1,249	50	60
1988	820	222	1,678	103	1,471	50	80
1989	1,000	186	1,428	123	1,756	40	55
1990	700	142	1,101	153	1,254	25	55
1991[2]	**620**						

Year	Production[4]	Marketings[5]	Price Per 100 Pounds	Cash Receipts[6]	Value of Home Consumption	Gross Income
	1,000 Pounds		Dollars	1,000 Dollars		
1986	340,418	354,797	45.70	169,417	8,436	177,853
1987	260,591	244,001	50.40	131,555	9,337	140,892
1988	339,756	305,055	41.60	131,867	8,892	140,759
1989	365,740	390,175	39.90	159,393	8,187	167,580
1990	**255,256**	**260,439**	**50.40**	**138,427**	**7,182**	**145,429**

[1] December 1 preceeding year.
[2] Preliminary.
[3] Includes custom slaughter for use on farms where produced and state outshipments, but excludes interfarm sales within the state.
[4] Adjustments made for changes in inventory and for inshipments.
[5] Excludes interfarm sales within the state and custom slaughter on farms where produced.
[6] Receipts from marketing and sales of farm slaughter.

HOGS: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1985-1990

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.[1]
						Dollars Per Cwt.							
1985	47.10	47.00	43.00	41.00	41.10	43.60	44.90	41.50	39.60	41.50	41.70	44.10	43.20
1986	43.20	42.00	39.00	39.20	44.30	50.70	57.60	61.10	57.60	52.50	51.40	49.80	45.70
1987	46.90	47.20	46.20	49.90	53.70	57.80	59.10	58.20	53.80	48.10	40.10	40.00	50.40
1988	42.80	45.10	41.40	40.90	45.30	45.80	42.70	43.80	38.60	38.10	35.40	36.80	41.60
1989	38.50	38.60	38.00	35.60	39.00	41.00	41.40	42.60	41.20	44.00	43.60	44.60	39.90
1990	**46.00**	**46.30**	**49.80**	**52.40**	**58.80**	**58.40**	**58.70**	**53.80**	**52.10**	**54.00**	**47.00**	**47.20**	**50.40**

[1] Marketing year is December through November. Average prices are computed by weighting monthly prices by the estimated percentage of sales each month.

ALL HOGS AND PIGS: TENNESSEE, BY COUNTIES, DECEMBER 1, 1989-90[1]

District & County	1989 (Number)	Rank	1990 (Number)	Rank
Dyer	7,000	30*	6,000	60*
Lake	300	93	[2]	95
Lauderdale	4,700	43*	5,000	36*
Obion	33,000	3	29,700	3
Shelby	2,300	66	2,300	62
Tipton	4,700	43*	4,000	44*
District 1	52,000		47,000	
Benton	11,000	20*	9,000	21*
Carroll	18,000	10*	15,000	13
Chester	11,000	20*	10,000	20
Crockett	4,000	46*	5,000	36*
Decatur	19,000	9	17,000	8*
Fayette	34,000	2	23,000	6
Gibson	21,000	7*	21,000	7
Hardeman	10,000	22*	8,000	24*
Hardin	13,000	17	12,000	16
Haywood	5,000	41*	4,000	44*
Henderson	32,000	4	30,000	2
Henry	21,000	7*	17,000	8*
McNairy	28,000	5*	25,000	5
Madison	10,000	22*	7,000	27
Weakley	57,000	1	55,000	1
District 2	294,000		258,000	
Cheatham	3,500	51*	3,500	49*
Dickson	4,500	45	4,500	41*
Hickman	13,500	16	14,000	14
Houston	2,500	60*	2,000	63
Humphreys	8,000	25*	9,000	21*
Lawrence	15,000	13	15,500	12
Lewis	2,500	60*	3,000	52*
Montgomery	8,000	25*	8,500	23
Perry	5,000	41*	6,000	30*
Robertson	17,000	12	16,000	10*
Stewart	1,500	70*	1,000	71*
Wayne	9,000	24	8,000	24*
District 3	90,000		91,000	
Bedford	8,000	25*	8,000	24*
Cannon	12,000	18*	12,500	15
Clay	3,000	56*	3,000	52*
Davidson	1,000	77*	1,000	71*
De Kalb	3,000	56*	1,500	66*
Giles	18,000	10*	16,000	10*
Jackson	2,000	67*	1,500	66*
Lincoln	14,000	15	11,000	17
Macon	5,500	40	4,000	44*
Marshall	6,000	35*	4,500	41*
Maury	7,000	30*	6,500	28*
Moore	3,000	56*	2,000	63*
Rutherford	7,000	30*	5,500	33*
Smith	6,000	35*	5,000	36*
Sumner	7,000	30*	5,500	33*
Trousdale	1,500	70*	1,500	66*
Williamson	8,000	25*	6,500	28*
Wilson	6,000	35*	4,500	41*
District 4	118,000		100,000	
Bledsoe	3,500	51*	3,500	49*
Coffee	14,500	14	10,500	18*
Cumberland	7,500	29	6,000	30*
Fentress	3,500	51*	3,500	49*
Franklin	28,000	5*	26,000	4
Grundy	4,000	46*	4,000	44*
Marion	3,000	56*	3,000	52*
Morgan	1,500	70*	1,000	71*
Overton	6,000	35*	5,000	36*
Pickett	1,500	70*	1,000	71*
Putnam	3,500	51*	3,000	52*
Scott	500	87*	500	82*
Sequatchie	1,000	77*	1,000	71*
Van Buren	4,000	46*	4,000	44*
Warren	6,000	35*	5,500	33*
White	12,000	18*	10,500	18*
District 5	100,000		88,000	
Anderson	1,500	70*	1,000	71*
Blount	2,500	60*	2,500	57*
Bradley	2,000	67*	1,000	71*
Campbell	1,000	77*	1,200	70
Carter	500	87*	500	82*
Claiborne	4,000	46*	2,500	57*
Cocke	1,000	77*	500	82*
Grainger	500	87*	300	91
Greene	4,000	46*	2,500	57*
Hamblen	2,500	60*	3,000	52*
Hamilton	2,500	60*	2,500	57*
Hancock	1,500	70*	1,000	71*
Hawkins	700	84*	500	82*
Jefferson	3,500	51*	2,500	57*
Johnson	200	94*	200	93*
Knox	1,800	69	1,500	66*
Loudon	700	84*	400	89*
McMinn	2,500	60*	2,000	63*
Meigs	400	92	400	89*
Monroe	1,500	70*	1,000	71*
Polk	1,000	77*	1,000	71*
Rhea	6,500	34	5,000	36*
Roane	1,000	77*	1,000	71*
Sevier	800	83	500	82*
Sullivan	500	87*	300	91*
Unicoi	200	94*	200	93*
Union	500	87*	500	82*
Washington	700	84*	500	82*
District 6	46,000		36,000	
STATE	700,000		620,000	

[1] 1989 Final; 1990 Preliminary.

[2] Less than 50 head.

*Tied

HOGS AND PIGS FOR BREEDING: TENNESSEE, BY COUNTIES, DECEMBER 1, 1989-90[1]

District & County	1989 (Number)	Rank	1990 (Number)	Rank
Dyer	1,000	32*	900	34*
Lake	[2]	95	[2]	95
Lauderdale	800	39*	600	49*
Obion	4,000	3*	3,100	5*
Shelby	300	68*	400	56*
Tipton	600	47*	500	53*
District 1	6,700		5,500	
Benton	1,400	22*	1,400	20
Carroll	2,500	10*	2,000	12*
Chester	1,500	21	1,100	28*
Crockett	600	47*	700	44*
Decatur	2,500	10*	2,100	10*
Fayette	4,500	2	3,400	3
Gibson	2,900	7*	2,500	9
Hardeman	1,600	20	1,200	24*
Hardin	1,800	17*	1,900	15
Haywood	700	44*	700	44*
Henderson	4,000	3	3,200	4
Henry	2,900	7*	2,000	12*
McNairy	3,700	6	3,000	7
Madison	1,400	22*	1,200	24*
Weakley	7,400	1	5,800	1
District 2	39,400		32,200	
Cheatham	600	47*	700	44*
Dickson	800	39*	900	34*
Hickman	1,700	19	1,500	18*
Houston	400	60*	300	65*
Humphreys	1,200	25*	900	34*
Lawrence	2,500	10*	3,100	5*
Lewis	400	60*	300	65*
Montgomery	1,200	25*	1,300	21*
Perry	800	39*	900	34*
Robertson	2,100	13	2,100	10*
Stewart	300	68*	200	69*
Wayne	1,400	22*	1,300	21*
District 3	13,400		13,500	
Bedford	1,100	28*	1,300	21*
Cannon	1,800	17*	2,000	12*
Clay	500	54*	500	53*
Davidson	200	75*	200	69*
De Kalb	500	54*	400	56*
Giles	2,600	9	2,600	8
Jackson	400	60*	400	56*
Lincoln	2,000	14*	1,600	17
Macon	900	35*	1,000	30*
Marshall	800	39*	700	44*
Maury	1,200	25*	1,200	24*
Moore	500	54*	500	53*
Rutherford	1,000	32*	900	34*
Smith	1,000	32*	1,000	30*
Sumner	1,100	28*	900	34*
Trousdale	200	75*	200	69*
Williamson	1,100	28*	1,200	24*
Wilson	900	35*	900	34*
District 4	17,800		17,500	
Bledsoe	500	54*	600	49*
Coffee	1,900	16	1,500	18*
Cumberland	1,100	28*	1,100	28*
Fentress	700	44*	800	41*
Franklin	3,800	5	3,800	2
Grundy	600	47*	600	49*
Marion	500	54*	600	49*
Morgan	300	68*	300	65*
Overton	900	35*	1,000	30*
Pickett	300	68*	200	69*
Putnam	600	47*	700	44*
Scott	100	84*	100	82*
Sequatchie	200	75*	200	69*
Van Buren	700	44*	1,000	30*
Warren	800	39*	800	41*
White	2,000	14*	1,700	16
District 5	15,000		15,000	
Anderson	300	68*	200	69*
Blount	400	60*	400	56*
Bradley	400	60*	200	69*
Campbell	200	75*	200	69*
Carter	100	84*	100	82*
Claiborne	600	47*	400	56*
Cocke	200	75*	100	82*
Grainger	100	84*	100	82*
Greene	500	54*	400	56*
Hamblen	400	60*	400	56*
Hamilton	400	60*	400	56*
Hancock	300	68*	200	69*
Hawkins	100	84*	100	82*
Jefferson	600	47*	400	56*
Johnson	100	84*	100	82*
Knox	300	68*	200	69*
Loudon	100	84*	100	82*
McMinn	400	60*	300	65*
Meigs	100	84*	100	82*
Monroe	200	75*	200	69*
Polk	200	75*	200	69*
Rhea	900	35*	800	41*
Roane	200	75*	200	69*
Sevier	100	84*	100	82*
Sullivan	100	84*	100	82*
Unicoi	100	84*	100	82*
Union	100	84*	100	82*
Washington	200	75*	100	82*
District 6	7,700		6,300	
STATE	100,000		90,000	

[1] 1989 Final; 1990 Preliminary.
[2] Less than 50 head.
*Tied

SHEEP AND LAMBS

SHEEP AND LAMBS: INVENTORY NUMBER, LAMB CROP, AND DISPOSITION, TENNESSEE, 1984-1991

Year	On Hand Jan. 1	Lambs Saved	Inshipments Sheep & Lambs	Marketings[1] Sheep	Marketings[1] Lambs	Deaths Sheep	Deaths Lamb
	1,000 Head						
1984	6	6.5	3.1	1.2	3.7	0.4	1.1
1985	9	6.8	1.0	0.7	3.6	0.8	1.5
1986	10	7.7	2.1	1.7	3.0	0.9	1.0
1987	13	8.5	1.0	3.3	5.0	1.0	1.0
1988	12	7.0	1.1	3.1	4.8	1.0	1.0
1989	10	9.7	3.0	2.2	6.7	0.7	0.9
1990	12	10.0	3.1	2.5	6.1	1.0	1.2
1991	**14**						

[1] Excludes interfarm sales.

SHEEP AND LAMBS: PRODUCTION AND INCOME, TENNESSEE, 1984-1990

Year	Production[1]	Marketings[2]	Average Price Per 100 lbs. Sheep	Average Price Per 100 lbs. Lambs	Value Of Production	Cash Receipts[3]	Gross Income
	1,000 Pounds		Dollars		1,000 Dollars		
1984	513	461	20.50	59.00	263	221	231
1985	448	401	21.20	62.80	233	220	228
1986	547	457	21.00	67.80	324	222	230
1987	647	813	28.50	81.80	374	472	483
1988	473	773	25.80	62.50	244	358	366
1989	757	845	24.60	64.00	457	445	453
1990	**780**	**824**	**23.00**	**55.90**	**380**	**370**	**383**

[1] Adjustments made for inshipments and changes in inventory.

[2] Excludes interfarm sales.

[3] Includes receipts from marketings and sale of farm slaughtered meat.

SHEEP AND LAMBS: NUMBER ON FARMS AND VALUE, TENNESSEE, JANUARY 1, 1984-1991

Year	All Sheep and Lambs			Lambs		Sheep one year and older	
	Number	Value Per Head	Value Total	Ewes	Wethers and Rams	Ewes	Wethers and Rams
	1,000 Head	Dollars	1,000 Dollars	1,000 Head		1,000 Head	
1984	6	58.00	348	0.5	0.3	4.8	0.4
1985	9	63.50	572	0.8	0.8	6.8	0.6
1986	10	67.00	670	0.8	0.8	7.7	0.7
1987	13	76.50	995	2.3	1.3	8.7	0.7
1988	12	73.00	876	1.7	0.7	8.9	0.7
1989	10	78.50	785	0.8	0.3	8.1	0.8
1990	12	94.00	1,128	1.4	0.6	9.2	0.8
1991	**14**	**88.00**	**1,232**	**1.7**	**0.8**	**10.0**	**1.5**

WOOL: FARM PRODUCTION AND VALUE, TENNESSEE, 1985-1990

Year	Sheep Shorn	Weight Per Fleece	Shorn Wool Production	Price Per Pound	Value[1]
	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
1985	8.8	6.5	57	52	30
1986	10.0	6.5	65	61	40
1987	11.0	6.7	74	57	42
1988	11.0	6.5	72	85	61
1989	11.0	6.5	72	80	58
1990	11.0	6.6	73	37	27

[1] Production multiplied by annual average price.

AUCTION PRICES

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM SELECTED TENNESSEE AUCTIONS, 1984-1990

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
STEERS-Medium Frame No. 1*						Dollars Per Cwt.							
300-400 lbs.													
1984	67.44	71.95	71.50	72.81	66.20	64.38	66.44	68.45	65.50	66.00	66.93	64.83	67.70
1985	71.53	79.25	77.88	77.31	74.85	71.81	67.25	71.50	69.38	69.00	71.50	67.25	72.38
1986	69.25	72.31	71.75	69.25	65.13	68.13	71.45	75.19	75.31	72.10	69.81	70.19	70.82
1987	75.75	81.88	86.25	87.70	89.88	93.13	97.40	99.00	103.80	93.38	97.25	98.25	91.97
1988	105.63	111.63	109.70	110.38	106.50	97.70	107.38	109.00	106.38	103.63	105.00	104.25	106.43
1989	108.00	111.50	111.10	104.38	102.25	108.75	109.50	109.80	103.44	102.25	100.20	97.17	105.70
1990	**104.00**	**107.50**	**112.88**	**112.63**	**111.10**	**109.75**	**108.94**	**114.10**	**107.25**	**105.45**	**107.63**	**113.83**	**109.59**
400-500 lbs.													
1984	64.19	67.10	67.00	66.75	64.30	60.88	62.16	63.50	61.94	62.75	63.25	61.33	63.76
1985	66.80	70.81	71.19	71.25	70.75	68.00	62.90	66.00	63.88	64.35	66.44	63.29	67.14
1986	64.60	66.38	68.19	64.85	61.38	61.88	65.60	66.06	68.44	66.55	63.88	64.50	65.19
1987	69.38	74.13	77.44	79.75	82.38	79.88	82.70	88.00	89.30	84.00	87.13	86.67	81.73
1988	90.88	96.63	97.55	98.63	96.38	87.50	90.50	94.50	95.88	93.00	91.70	90.75	93.66
1989	94.38	97.88	97.20	93.13	91.30	95.00	96.00	95.50	93.50	89.94	87.65	86.08	93.13
1990	**92.80**	**96.81**	**101.75**	**100.94**	**101.20**	**100.56**	**98.75**	**101.40**	**97.69**	**95.15**	**96.56**	**100.67**	**98.69**
500-600 lbs.													
1984	61.25	64.55	63.88	63.56	61.73	59.82	60.85	61.50	60.92	60.85	61.50	60.92	61.62
1985	63.75	66.81	67.88	67.00	65.90	64.06	60.55	61.94	59.69	60.20	61.06	59.33	63.18
1986	59.63	62.25	61.50	59.60	58.13	59.13	60.30	62.06	64.13	60.90	60.63	60.88	60.76
1987	64.69	67.75	71.00	73.15	76.13	74.56	78.10	81.63	83.10	77.19	78.00	79.92	75.44
1988	83.25	86.38	89.00	89.19	89.44	78.80	82.13	85.95	88.25	84.56	84.55	84.25	85.48
1989	86.25	87.38	87.05	85.06	84.70	88.56	87.13	88.35	85.94	84.81	83.35	82.08	85.89
1990	**85.20**	**87.75**	**91.75**	**92.75**	**94.25**	**92.88**	**90.50**	**94.15**	**90.31**	**86.80**	**86.56**	**90.25**	**90.26**
600-700 lbs.													
1984	60.03	62.13	62.12	60.75	57.70	57.50	58.69	59.70	58.50	58.43	60.28	59.58	59.62
1985	62.05	63.75	63.56	62.06	60.95	59.81	56.60	56.69	55.88	56.30	57.56	56.79	59.33
1986	56.70	58.63	56.88	54.63	54.06	54.78	56.98	59.25	59.68	58.50	57.44	58.56	57.17
1987	61.47	64.16	65.25	67.93	71.10	69.78	72.00	74.38	76.20	70.88	71.31	72.58	69.75
1988	77.22	78.81	79.55	81.44	81.22	73.40	76.31	80.73	83.13	79.25	78.40	79.00	79.04
1989	81.31	81.06	78.65	77.13	77.25	81.19	80.81	82.38	80.03	79.38	78.30	79.77	79.77
1990	**80.03**	**80.44**	**81.82**	**84.88**	**85.65**	**85.78**	**85.38**	**88.45**	**86.00**	**83.75**	**82.44**	**85.50**	**84.18**

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM SELECTED TENNESSEE AUCTIONS, 1984-1990

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
STEERS-Medium Frame No. 2*						Dollars Per Cwt.							
300-400 lbs.													
1984	57.81	61.55	61.82	62.25	59.45	58.06	57.06	58.20	57.00	57.90	58.87	55.92	58.82
1985	60.25	64.25	66.94	67.31	65.95	63.13	59.00	61.88	60.06	60.95	61.75	59.50	62.58
1986	60.90	63.56	63.25	61.10	58.69	59.25	61.60	64.25	65.38	63.30	60.88	60.75	61.91
1987	67.38	72.75	74.75	78.00	77.63	81.13	84.10	87.25	90.50	82.50	85.38	86.00	80.61
1988	91.00	99.00	97.90	97.25	94.50	87.10	94.00	96.30	92.00	90.80	91.80	90.25	93.50
1989	93.88	96.38	97.80	93.88	87.50	95.63	96.25	96.80	93.38	91.38	87.00	83.92	92.82
1990	**90.90**	**95.25**	**101.63**	**100.50**	**101.00**	**93.88**	**96.00**	**100.60**	**96.63**	**92.90**	**95.88**	**101.17**	**97.20**
400-500 lbs.													
1984	56.38	60.05	59.62	59.69	57.65	55.38	55.00	56.25	54.75	55.85	55.62	54.75	56.75
1985	57.50	61.50	63.63	63.56	62.90	61.56	56.85	58.75	57.88	58.00	59.75	56.42	59.86
1986	58.40	61.25	59.63	57.40	56.25	56.19	57.60	59.31	61.63	59.20	58.63	58.00	58.62
1987	62.81	67.25	68.75	71.30	72.63	72.25	75.30	79.13	81.70	76.75	78.25	79.17	73.77
1988	82.25	86.13	87.30	89.00	86.88	77.70	72.25	85.50	82.88	83.00	82.40	82.50	83.98
1989	84.00	84.50	87.80	84.50	79.80	85.38	86.13	86.00	83.75	81.19	79.05	77.25	83.28
1990	**82.90**	**87.13**	**92.38**	**90.88**	**91.30**	**86.69**	**87.75**	**91.55**	**87.69**	**85.20**	**88.13**	**90.33**	**88.49**
500-600 lbs.													
1984	55.25	58.10	58.25	57.44	55.60	53.75	53.88	55.18	54.50	54.40	55.06	53.58	55.42
1985	57.10	58.63	59.56	57.75	60.00	58.25	54.25	55.69	54.38	55.20	55.63	54.25	56.72
1986	54.90	57.13	55.75	53.65	52.75	52.81	54.45	56.44	58.69	56.00	55.19	55.92	55.31
1987	57.63	60.94	63.19	66.35	67.50	67.13	70.10	73.13	75.00	69.38	70.75	72.17	67.77
1988	75.69	78.19	80.20	79.75	80.00	70.70	74.75	78.70	77.94	76.94	76.60	76.60	77.18
1989	78.88	76.63	79.60	76.75	74.25	79.63	79.31	80.20	77.81	76.25	75.35	73.42	77.34
1990	**77.90**	**79.50**	**83.07**	**85.00**	**85.15**	**80.75**	**83.69**	**86.00**	**82.63**	**79.75**	**79.69**	**82.42**	**82.13**
600-700 lbs.													
1984	53.62	56.70	55.94	55.88	53.50	51.94	52.81	53.69	53.50	52.90	54.18	53.83	54.04
1985	55.60	57.50	57.88	55.00	57.13	54.50	52.08	52.88	50.88	52.85	53.00	52.00	54.28
1986	52.50	53.50	52.94	50.25	49.00	49.94	51.35	54.25	55.25	52.90	52.63	54.33	52.40
1987	55.94	59.13	58.75	62.10	63.38	63.00	66.00	68.13	69.90	64.00	64.75	67.50	63.55
1988	70.19	72.44	72.00	75.50	73.83	63.42	69.00	72.70	74.31	71.81	71.50	73.00	71.64
1989	74.38	75.25	73.00	71.13	71.00	73.94	75.38	75.60	74.63	72.38	71.95	73.50	73.51
1990	**74.00**	**74.00**	**75.69**	**77.13**	**78.40**	**77.50**	**77.88**	**81.70**	**78.94**	**75.30**	**76.19**	**78.50**	**77.10**

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM SELECTED TENNESSEE AUCTIONS, 1984-1990

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
HEIFERS - Medium Frame No. 1*						Dollars Per Cwt.							
300-400 lbs.													
1984	52.94	57.65	57.62	57.12	54.50	52.00	51.62	53.65	50.88	51.48	51.81	50.58	53.49
1985	55.25	57.63	60.00	60.88	60.05	57.63	54.25	56.19	53.56	54.35	56.19	54.00	56.67
1986	55.00	58.19	58.44	56.35	54.13	55.12	56.15	59.25	60.50	58.35	57.63	56.88	57.17
1987	60.56	67.60	70.38	74.65	76.00	74.50	77.65	81.69	84.80	76.88	79.50	80.17	75.37
1988	85.00	90.75	91.30	94.50	91.63	79.40	86.25	89.10	86.25	86.38	94.00	84.50	87.42
1989	89.81	93.25	92.50	88.13	85.35	91.50	91.13	91.75	88.69	85.63	82.95	80.50	88.43
1990	**86.65**	**93.63**	**98.50**	**100.50**	**98.10**	**97.38**	**95.13**	**99.30**	**94.25**	**89.60**	**91.19**	**98.33**	**95.21**
400-500 lbs.													
1984	52.00	56.20	55.81	55.12	53.30	50.31	50.62	51.95	50.50	50.30	50.62	50.75	52.29
1985	54.40	57.13	58.13	59.56	58.75	56.69	53.55	54.88	52.36	52.68	54.31	52.75	55.43
1986	53.30	55.81	56.56	53.80	51.81	52.70	54.10	56.00	57.94	56.55	55.13	54.88	54.88
1987	58.56	65.25	65.81	70.05	71.81	71.00	73.60	75.38	78.10	72.44	75.13	74.83	71.00
1988	78.75	82.56	83.80	85.06	83.88	74.70	77.00	80.40	80.81	79.94	79.00	78.63	80.83
1989	81.63	84.38	82.85	80.56	79.80	84.44	85.13	84.00	82.06	79.56	78.20	77.17	81.65
1990	**80.60**	**84.38**	**88.57**	**90.10**	**89.69**	**87.19**	**90.25**	**87.13**	**83.40**	**84.38**	**87.67**	**86.84**	[illegible]
500-600 lbs.													
1984	51.12	54.20	54.06	53.19	50.70	49.85	50.69	51.25	50.06	50.00	50.75	50.93	51.40
1985	53.80	55.63	56.38	57.69	56.55	54.56	51.15	52.94	50.31	50.95	52.06	50.83	53.87
1986	51.05	52.88	52.94	50.55	49.93	50.10	52.50	54.88	56.19	53.40	52.69	53.19	52.53
1987	56.75	61.00	62.19	66.00	67.50	67.78	70.10	72.50	73.70	68.38	69.06	70.58	67.13
1988	73.91	76.25	77.80	78.19	77.13	70.65	72.19	77.30	77.13	76.69	75.10	75.13	75.62
1989	77.94	78.81	77.45	75.25	74.25	79.38	79.50	79.45	78.50	76.63	75.30	75.33	77.32
1990	**76.40**	**79.00**	**81.10**	**82.38**	**84.25**	**85.22**	**83.50**	**86.10**	**81.85**	**80.20**	**80.56**	**83.00**	**81.96**
600-700 lbs.													
1984	50.60	53.25	53.10	51.75	48.95	48.31	49.69	50.50	49.50	49.85	50.00	50.50	50.50
1985	53.15	55.13	54.69	54.17	54.25	52.58	48.90	50.28	48.56	48.88	48.88	49.58	51.59
1986	49.60	51.13	49.50	46.95	46.94	47.66	51.03	53.25	53.66	51.75	51.06	51.58	50.34
1987	53.56	59.25	59.13	61.95	63.94	63.35	66.05	68.13	69.15	64.63	65.22	65.67	63.34
1988	69.38	71.75	71.13	73.00	73.81	66.22	67.28	72.00	73.14	72.75	70.40	71.88	71.13
1989	74.44	74.56	72.55	69.47	69.81	73.63	75.63	76.23	73.88	72.56	72.60	73.00	73.20
1990	**74.40**	**73.66**	**75.13**	**77.78**	**79.60**	**80.94**	**80.38**	**82.18**	**80.03**	**76.85**	**76.50**	**78.92**	**78.03**

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM SELECTED TENNESSEE AUCTIONS, 1984-1990

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
HEIFERS - Medium Frame No. 2*						Dollars Per Cwt.							
300-400 lbs.													
1984	46.44	49.20	50.50	49.88	48.30	46.38	45.00	46.90	43.94	44.50	44.43	44.58	46.67
1985	48.70	50.94	53.44	55.06	54.70	52.69	48.85	50.25	47.81	48.08	49.75	48.17	50.70
1986	48.60	50.25	53.25	50.80	48.25	49.06	49.95	52.50	53.25	52.35	50.69	50.38	50.77
1987	55.25	60.00	62.88	66.60	68.13	66.86	71.00	72.25	76.10	69.88	70.63	71.33	67.58
1988	76.63	81.13	84.30	82.75	83.25	71.00	75.88	77.50	78.25	75.75	76.20	76.00	78.22
1989	93.88	96.38	97.80	93.88	87.50	95.63	96.25	96.80	93.38	91.38	87.00	83.92	92.82
1990	**78.55**	**82.13**	**88.25**	**89.38**	**89.10**	**87.63**	**85.50**	**89.20**	**84.50**	**81.30**	**82.13**	**88.33**	**85.50**
400-500 lbs.													
1984	46.62	48.70	48.75	48.44	47.85	44.38	44.56	45.60	43.88	44.15	44.06	44.17	45.93
1985	48.25	51.13	51.94	53.69	53.45	51.00	48.00	49.50	47.12	46.95	48.94	46.83	49.73
1986	46.73	49.13	50.38	48.55	46.63	47.50	48.90	50.13	51.25	50.55	49.00	48.94	48.97
1987	52.88	58.50	59.63	62.90	65.13	64.31	67.00	68.63	69.80	65.75	65.50	68.17	64.02
1988	71.13	75.19	75.50	76.44	76.63	67.60	69.75	73.65	74.00	72.50	71.45	72.50	73.03
1989	84.00	84.50	87.80	84.50	79.80	85.28	86.13	86.00	83.75	81.19	79.05	77.25	83.28
1990	**74.10**	**77.25**	**80.50**	**81.25**	**82.30**	**82.69**	**79.50**	**82.60**	**79.06**	**76.50**	**76.81**	**81.25**	**79.48**
500-600 lbs.													
1984	44.62	47.50	47.75	47.19	46.25	43.62	43.88	44.73	43.56	43.40	44.06	43.75	45.02
1985	47.45	49.25	51.31	52.31	52.40	49.75	46.60	48.13	45.69	45.45	46.75	45.00	48.34
1986	46.00	48.63	47.94	46.00	44.44	45.62	47.56	49.13	50.06	48.30	47.13	47.75	47.38
1987	51.13	55.06	56.38	59.00	60.38	60.94	64.40	65.88	67.40	62.63	62.38	63.33	60.74
1988	67.56	70.13	70.08	69.75	71.63	63.20	65.75	69.20	70.50	68.00	68.30	68.25	68.53
1989	78.88	76.63	79.60	76.75	74.25	79.63	79.31	80.20	77.81	76.25	75.35	73.42	77.34
1990	**69.90**	**71.75**	**75.00**	**75.25**	**77.50**	**78.25**	**76.19**	**80.15**	**76.31**	**73.98**	**72.63**	**76.58**	**75.29**
600-700 lbs.													
1984	43.75	46.75	47.25	45.67	44.62	42.25	43.82	45.00	43.69	43.40	43.87	43.83	44.49
1985	46.50	48.63	49.88	49.75	51.50	48.00	44.40	46.00	43.13	44.40	44.75	44.33	46.77
1986	43.63	47.96	45.33	42.55	41.17	42.00	46.69	47.06	48.00	45.35	45.31	45.00	45.00
1987	50.13	53.50	53.88	56.70	58.38	59.33	60.40	61.88	63.56	58.69	61.75	61.83	58.34
1988	64.44	66.75	66.75	70.50	69.38	60.63	62.17	67.13	66.75	65.33	64.50	66.25	65.88
1989	74.38	75.25	73.00	71.13	71.00	73.94	75.38	75.60	74.63	72.38	71.95	73.50	73.51
1990	**67.90**	**69.13**	**70.00**	**72.25**	**73.70**	**75.25**	**74.19**	**74.90**	**72.56**	**71.35**	**69.06**	**75.08**	**72.11**

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

UTILITY COW PRICES: SELECTED TENNESSEE AUCTIONS, 1984-1990

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Avg.
						Dollars Per Cwt.							
1984	34.88	38.95	42.13	41.97	40.43	39.50	38.38	38.75	35.94	35.65	34.75	34.71	37.96
1985	39.50	40.00	40.50	40.19	40.60	38.78	36.40	36.19	34.25	33.05	33.25	34.83	37.30
1986	34.60	36.94	36.47	33.25	34.94	36.72	34.88	34.66	36.10	35.88	35.28	34.94	35.39
1987	39.47	41.06	42.50	43.90	44.40	43.19	44.10	43.88	44.20	41.13	45.06	45.17	43.17
1988	45.56	45.56	46.75	48.13	47.00	41.55	44.10	46.95	46.41	44.56	43.40	43.50	45.29
1989	48.75	52.31	49.65	50.31	51.10	50.94	50.85	50.35	50.50	50.19	50.10	52.50	50.63
1990	**48.90**	**51.41**	**51.94**	**52.13**	**54.03**	**53.25**	**52.44**	**53.53**	**52.00**	**50.50**	**48.69**	**51.83**	**51.72**

FEEDER PIGS:MARKETINGS AND PRICES AT ORGANIZED FEEDER PIG SALES, 1984-1990

Year	Number Marketed	Average Weight	Average Price Per Cwt.	Average Price Per Head
		Lbs.	Dollars	Dollars
1984	584,554	47	80.42	37.44
1985	525,282	47	79.05	37.29
1986	532,764	47	97.07	45.21
1987	566,189	48	96.92	46.06
1988	582,153	48	70.60	33.82
1989	476,876	49	64.34	31.74
1990	**425,451**	**49**	**98.40**	**48.01**

FEEDER PIG PRICES: ALL WEIGHTS AND GRADES: TENNESSEE ORGANIZED FEEDER PIG SALES, 1984-1990
(AVERAGE WEIGHT 45-50 LBS.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						Dollars Per Cwt.							
1984	66.99	83.43	100.21	101.82	86.09	80.22	74.74	74.58	76.83	71.95	72.15	75.78	80.42
1985	81.38	87.45	97.65	90.18	80.60	81.06	73.20	75.55	70.08	77.00	68.77	66.53	79.05
1986	66.64	78.05	88.99	80.30	85.24	85.57	109.63	121.85	122.57	111.04	104.33	100.13	97.07
1987	91.96	111.78	117.84	120.36	107.54	96.68	97.09	102.73	96.80	87.80	71.29	68.77	96.92
1988	73.39	92.52	103.22	103.05	90.21	61.40	53.18	56.17	51.18	49.94	45.58	56.00	70.60
1989	67.71	72.58	76.65	61.70	64.25	52.75	49.76	60.04	58.14	67.59	72.19	71.66	64.34
1990	**87.39**	**109.99**	**127.36**	**118.85**	**109.91**	**92.38**	**85.96**	**85.39**	**85.50**	**95.05**	**89.22**	**90.21**	**98.40**

FEEDER PIGS: NUMBER MARKETED THROUGH ORGANIZED SALES, 1984-1990

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Number Marketed													
1984	45,345	33,895	43,160	55,952	60,768	50,247	47,730	51,169	45,840	57,498	56,667	36,283	48,713
1985	39,032	32,194	39,741	50,167	50,925	47,540	41,311	39,346	46,530	54,635	42,276	41,485	43,765
1986	34,566	31,312	40,023	44,335	51,120	46,890	51,200	41,940	52,719	50,420	41,419	46,820	44,397
1987	37,168	35,945	48,350	45,032	48,068	50,487	47,520	47,297	51,639	53,550	49,292	46,839	46,766
1988	37,706	43,177	52,457	51,815	61,162	60,207	40,887	47,972	52,063	50,887	45,421	38,395	48,512
1989	47,573	30,750	42,784	45,123	46,883	48,926	36,435	37,582	36,578	41,518	39,515	23,209	39,740
1990	30,121	26,180	35,618	42,567	44,893	34,343	34,965	36,078	34,912	42,536	37,072	26,166	35,454

SOW PRICES: U.S. 1-2 300-400 LBS. SELECTED TENNESSEE, AUCTIONS, 1984-1990

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Dollars Per Cwt.													
1984	40.78	41.82	39.94	40.75	41.15	39.18	41.81	40.50	38.74	36.87	37.69	37.33	39.71
1985	39.09	41.75	38.35	35.19	34.78	34.13	33.58	32.81	31.44	32.78	33.65	33.04	35.05
1986	32.81	34.53	32.44	33.12	33.90	37.11	45.83	52.27	51.11	45.97	45.13	40.66	40.43
1987	40.60	41.30	38.04	42.50	44.47	45.35	46.22	46.19	45.74	43.99	34.29	28.50	41.43
1988	32.44	34.51	32.79	33.21	35.92	35.25	28.07	31.78	29.90	32.44	25.58	23.50	31.28
1989	35.25	35.25	32.88	28.75	29.00	30.00	31.31	33.94	39.50	39.17	36.38	34.69	33.84
1990	41.00	40.75	44.46	47.50	49.95	47.29	44.50	46.95	42.38	46.22	41.63	36.50	44.09

BARROW AND GILTS PRICES: U.S. 1-3 210-240 LBS. SELECTED TENNESSEE AUCTIONS, 1984-1990

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Dollars Per Cwt.													
1984	48.63	45.48	45.72	47.31	47.53	48.83	53.50	52.38	45.44	43.33	48.25	48.00	47.87
1985	48.95	48.53	42.72	41.01	41.48	46.52	47.51	43.64	40.50	42.92	43.38	46.34	44.46
1986	45.73	43.41	40.50	40.11	45.86	52.58	60.40	62.33	58.10	52.15	52.39	50.43	50.33
1987	46.44	47.60	46.71	50.50	55.26	60.40	60.00	58.75	53.30	48.20	40.34	39.96	50.62
1988	42.16	46.32	41.66	42.48	47.15	48.34	46.80	46.39	40.94	39.61	37.17	41.60	43.29
1989	41.78	41.04	39.88	37.55	42.45	47.90	47.41	46.88	43.89	47.30	45.33	49.34	44.28
1990	47.55	48.05	51.59	53.69	60.84	61.26	61.77	56.73	53.93	56.47	50.28	46.35	54.04

MEAT PRODUCTION

NUMBER OF LIVESTOCK SLAUGHTERING ESTABLISHMENTS: TENNESSEE, JANUARY 1984-1991

Year	Under Federal Inspection	Customs Plants	Total
1984	80	79	159
1985	70	63	133
1986	69	61	130
1987	67	61	128
1988	61	67	128
1989	56	61	117
1990	42	61	103
1991	**34**	**61**	**95**

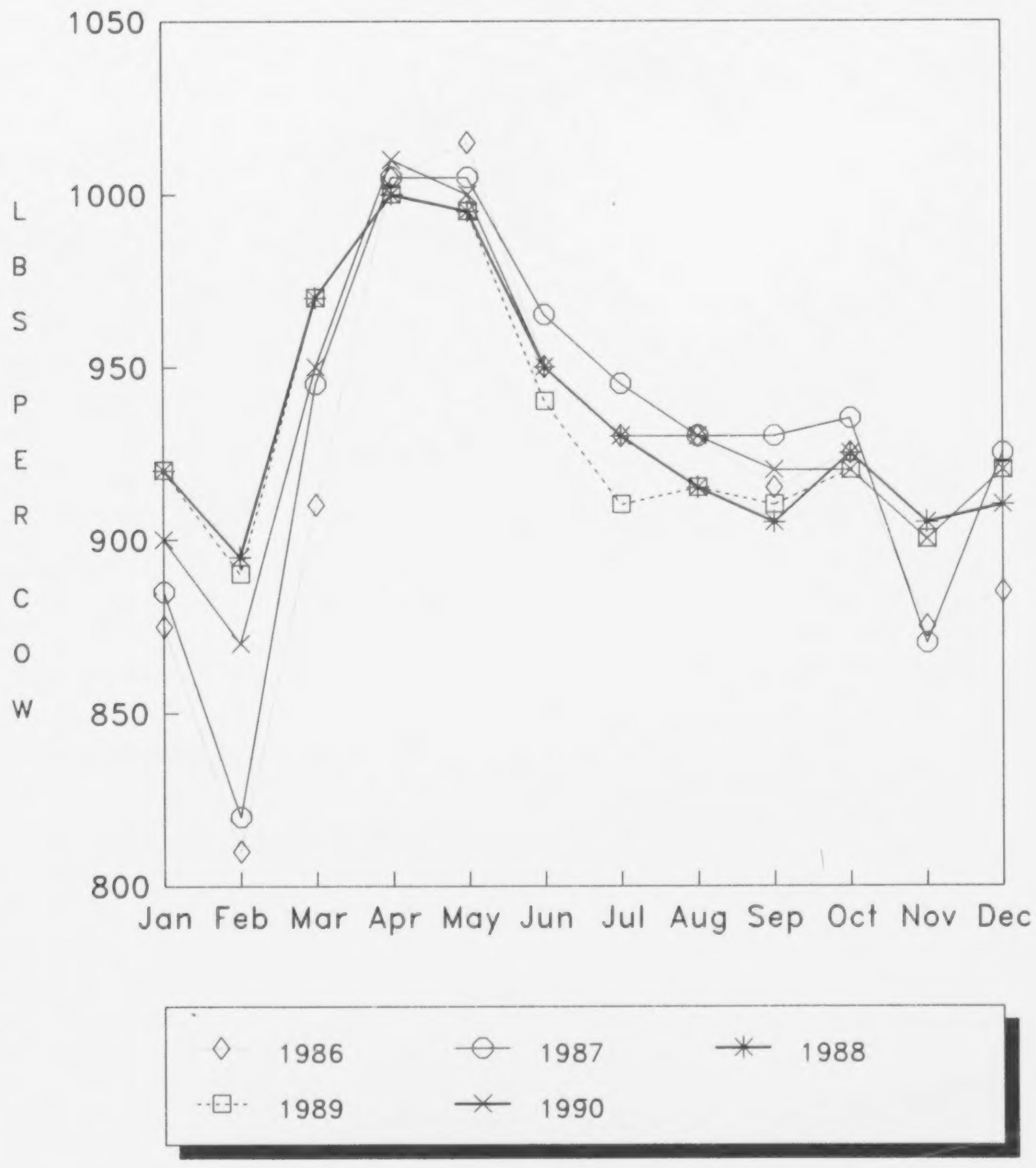
RED MEAT PRODUCTION: BY MONTHS, TENNESSEE, 1984-1990[1]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total[2]
						1,000 Pounds							
1984	50.4	52.0	56.7	56.0	56.6	53.0	49.2	55.7	52.1	63.6	59.8	55.1	660.2
1985	58.4	50.6	55.9	57.3	56.9	51.4	55.2	55.8	55.7	62.4	56.9	54.4	670.8
1986	56.7	47.9	52.8	58.8	58.1	45.4	39.7	40.5	44.2	47.2	40.1	43.6	575.0
1987	42.7	36.9	41.9	40.7	36.8	37.8	37.9	38.2	41.8	45.3	42.7	45.3	488.0
1988	40.8	36.4	42.0	37.7	38.1	38.9	35.1	39.0	40.2	41.2	42.2	40.4	471.9
1989	39.4	34.8	39.9	35.5	39.0	35.8	30.4	34.6	35.8	42.0	39.8	30.9	437.9
1990	**33.7**	**28.0**	**29.6**	**22.0**	**15.6**	**12.7**	**13.1**	**17.2**	**15.5**	**18.6**	**16.5**	**15.1**	**237.4**

[1] Includes total beef, veal, pork, lamb and mutton, excluding farm slaughter.

[2] Totals may not add due to rounding.

MILK PRODUCTION PER COW
TENNESSEE



DAIRY

Tennessee milk production totaled 2.2 billion pounds of milk during 1990, virtually unchanged from 1989, and the previous five-year average. Tennessee dairy farmers have produced in excess of 2 billion pounds of milk for the past sixteen years with the last seven years at 2.2 billion pounds. Despite declining milk cow numbers over the period, production has remained fairly constant due to the amount of milk produced per cow. During 1990, the average milk produced per cow was 11,209 pounds, an increase of 25 pounds per cow from 1989.

The number of milk cows on Tennessee farms averaged 196,000 in 1990, unchanged from 1989, but below the five-year average of 200,000. There were 60,000 milk replacement heifers on hand January 1, 1991 compared with 75,000 a year earlier and a five-year average of 75,000. The ratio of milk replacement heifers to milk cows was 30.8 heifers per 100 dairy cows, compared with 38.5 a year ago.

The number of dairy farms with one or more milk cows on hand during 1990 was 4,500, down 500 farms from 1989. In 1990, 1,624 producers were licensed to sell grade A milk and 736 grade B producers. This compares with 1,668 producers licensed to sell grade A milk and 791 grade B producers in 1989.

Combined marketings of milk and cream totaled $302.6 million during 1990, compared with $285.3 million in 1989 and $266.1 million in 1988. Average returns to producers per hundredweight of milk was $14.73 in 1990, $13.84 in 1988 and $13.15 in 1988.

Total production of manufactured dairy products in Tennessee was mostly below 1989. Ice cream was down 18 percent; ice cream mix, down 15 percent; ice milk mix, down 17 percent; and, ice milk, down 3 percent.

MILK COWS: NUMBER ON FARMS, TENNESSEE, BY MONTHS, 1984-1990

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
						1,000 Head							
1984	212	209	208	208	208	208	208	208	208	208	208	208	208
1985	210	210	210	210	210	210	210	210	210	210	210	210	210
1986	205	205	205	203	203	203	201	201	198	198	198	198	202
1987	198	198	198	198	196	196	196	198	198	200	200	199	198
1988	198	197	195	195	197	197	197	197	199	199	199	199	197
1989	198	198	196	196	194	195	196	196	196	196	197	196	196
1990	**195**	**196**	**195**	**196**	**196**	**197**	**197**	**198**	**197**	**196**	**196**	**196**	**196**

AVERAGE MILK PRODUCTION PER COW: TENNESSEE, BY MONTHS, 1984-1990

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
						Pounds							
1984	820	790	870	950	960	860	840	860	850	865	820	830	10,346
1985	820	770	880	960	980	920	920	900	880	920	840	850	10,643
1986	875	810	910	1,005	1,015	950	930	930	915	925	875	885	10,995
1987	885	820	945	1,005	1,005	965	945	930	930	935	870	925	11,146
1988	920	895	970	1,000	995	950	930	915	905	925	905	910	11,234
1989	920	890	970	1,000	995	940	910	915	910	920	900	920	11,186
1990	**900**	**870**	**950**	**1,010**	**1,000**	**950**	**930**	**930**	**920**	**920**	**900**	**920**	**11,209**

TOTAL MILK PRODUCED ON FARMS: TENNESSEE, BY MONTHS, 1984-1990

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
						Million Pounds							
1984	174	165	181	198	200	179	175	179	177	180	171	173	2,152
1985	172	162	185	202	206	193	193	189	185	193	176	179	2,235
1986	179	166	187	204	206	193	187	187	181	183	173	175	2,221
1987	175	162	187	199	197	189	185	184	184	187	174	184	2,207
1988	182	176	189	195	196	187	183	180	180	184	180	181	2,213
1989	182	176	190	196	193	183	178	179	178	180	177	180	2,192
1990	**176**	**171**	**185**	**198**	**196**	**187**	**183**	**184**	**181**	**180**	**176**	**180**	**2,197**

MILK PRODUCTION, DISPOSITION, AND INCOME, TENNESSEE, 1986-1990

Item	Unit	1986	1987	1988	1989	1990[1]
Milk Cows and Production of Milk and Milkfat on Farms:						
No. of milk cows on farms[2]	Thousands	207	203	197	196	196
Production of milk and milkfat[3]						
Per milk cow-Milk	Pounds	10,729	10,872	11,234	11,184	11,209
Per milk cow-Milkfat	Pounds	397	399	413	412	404
Percentage of fat in all milk produced	Percent	3.70	3.67	3.68	3.68	3.60
Total milk	Mil. Lbs.	2,221	2,207	2,213	2,192	2,197
Total milkfat	Mil. Lbs.	82.2	81.0	81.4	80.7	79.1
Milk Used and Marketed by Producers:						
Milk used on farms where produced						
Fed to calves[3]	Mil. Lbs.	104	145	154	100	107
Used for milk, cream and butter	Mil. Lbs.	30	30	35	30	35
Total	Mil. Lbs.	134	175	189	130	142
Milk Marketed by Producers:						
Sold to plants and dealers as whole milk[4]	Mil. Lbs.	2,008	2,025	2,015	2,055	2,050
Sold directly to consumers[5]	Mil. Lbs.	7	7	9	7	5
Total	Mil. Lbs.	2,087	2,032	2,024	2,062	2,055
Milk Sold to Plants and Dealers:[4]						
Quantity	Mil. Lbs.	2,080	2,025	2,015	2,055	2,050
Price per 100 lbs.	Dollars	13.10	13.40	13.10	13.80	14.70
Cash receipts	Thous. Dol.	272,480	271,350	263,965	283,590	301,350
Milk Sold Directly to Consumers:[5]						
Quantity	Thous. Qts.	3,256	3,256	4,186	3,256	2,326
Price per quart	Cents	65	53	51	53	54
Cash receipts	Thous. Dol.	2,116	1,726	2,135	1,726	1,256
Combined Marketing of Milk and Cream:						
Milk utilized	Mil. Lbs.	2,087	2,032	2,024	2,062	2,055
Average returns[6]						
per 100 lbs. of milk	Dollars	13.16	13.44	13.15	13.84	14.73
per lb. of milkfat	Dollars	3.56	3.66	3.57	3.76	4.09
Cash receipts from marketings	Thous. Dol.	274,596	273,076	266,100	285,316	302,606
Used for Milk, Cream, Butter on Farms where produced:						
Milk utilized	Mil. Lbs.	30	30	35	30	35
Value[7]	Thous. Dol.	3,947	4,032	4,602	4,151	5,154
Gross farm income from dairy products[8]	Thous. Dol.	278,544	277,107	270,701	289,467	307,760
Farm value of all milk produced[7] [9]	Thous. Dol.	292,227	296,593	290,948	303,303	323,516

[1] Preliminary.

[2] Average number on farms during year, excluding heifers not yet fresh.

[3] Excludes milk sucked by calves.

[4] Includes milk produced by dealers' own herds.

[5] Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.

[6] Cash receipts divided by milk or milkfat represented in combined marketings.

[7] Valued at average returns per 100 lbs. of milk in combined marketings of milk and cream.

[8] Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm churned butter.

[9] Includes value of milk fed to calves.

MILK FAT TEST: TENNESSEE, BY MONTHS, 1985-1990

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
ALL MILK						PERCENT							
1985	3.86	3.87	3.70	3.58	3.56	3.55	3.53	3.55	3.63	3.74	3.79	3.87	3.68
1986	3.88	3.86	3.76	3.61	3.58	3.54	3.53	3.53	3.64	3.72	3.84	3.91	3.70
1987	3.88	3.83	3.74	3.66	3.55	3.51	3.49	3.47	3.56	3.72	3.81	3.84	3.67
1988	3.87	3.80	3.71	3.62	3.56	3.55	3.52	3.52	3.59	3.72	3.83	3.85	3.68
1989	3.80	3.79	3.76	3.66	3.59	3.58	3.56	3.53	3.55	3.70	3.73	3.83	3.68
1990	**3.74**	**3.66**	**3.59**	**3.57**	**3.51**	**3.49**	**3.47**	**3.48**	**3.51**	**3.66**	**3.74**	**3.77**	**3.60**
FLUID													
1985	3.86	3.87	3.70	3.58	3.56	3.56	3.53	3.56	3.63	3.75	3.78	3.87	3.69
1986	3.88	3.87	3.77	3.62	3.59	3.56	3.54	3.54	3.64	3.72	3.84	3.91	3.71
1987	3.88	3.83	3.75	3.67	3.56	3.51	3.49	3.47	3.56	3.73	3.81	3.84	3.68
1988	3.87	3.80	3.71	3.62	3.57	3.55	3.52	3.52	3.59	3.72	3.83	3.85	3.68
1989	3.80	3.79	3.76	3.66	3.59	3.58	3.55	3.53	3.55	3.69	3.71	3.82	3.67
1990	**3.72**	**3.66**	**3.59**	**3.57**	**3.50**	**3.48**	**3.47**	**3.47**	**3.50**	**3.65**	**3.73**	**3.77**	**3.60**
MANUFACTURING													
1985	3.81	3.87	3.67	3.56	3.52	3.48	3.50	3.52	3.59	3.66	3.84	3.84	3.63
1986	3.89	3.78	3.71	3.51	3.49	3.44	3.48	3.48	3.64	3.76	3.86	3.94	3.64
1987	3.84	3.88	3.68	3.61	3.48	3.48	3.47	3.47	3.54	3.61	3.84	3.87	3.63
1988	3.90	3.82	3.71	3.63	3.46	3.54	3.49	3.53	3.58	3.76	3.88	3.93	3.67
1989	3.83	3.82	3.80	3.65	3.58	3.61	3.66	3.55	3.59	3.87	4.03	3.97	3.72
1990	**4.07**	**3.69**	**3.59**	**3.64**	**3.55**	**3.55**	**3.51**	**3.55**	**3.60**	**3.78**	**3.85**	**3.84**	**3.66**

MILK: PRICES RECEIVED BY FARMERS, TENNESSEE, BY MONTHS, 1985-1990

DOLLARS PER CWT.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
						ALL WHOLESALE							
1985	14.70	14.70	14.00	13.50	13.40	13.10	13.10	12.90	12.70	13.00	13.00	12.90	13.50
1986	13.10	13.00	12.70	12.40	12.80	12.60	12.80	12.90	13.30	13.70	13.90	14.10	13.10
1987	14.20	14.00	13.60	13.20	12.90	12.90	12.90	12.90	13.40	13.40	13.50	13.40	13.40
1988	13.50	13.10	13.00	12.50	12.40	12.40	12.40	12.80	13.10	13.40	14.00	14.00	13.10
1989	14.00	13.80	13.50	12.80	12.70	13.00	12.90	13.30	14.10	14.60	15.30	16.20	13.80
1990	**16.30**	**16.10**	**15.20**	**13.80**	**13.90**	**14.20**	**14.70**	**15.20**	**15.30**	**14.90**	**14.30**	**12.20**	**14.70**
						FLUID MARKET							
1985	15.00	14.90	14.20	13.70	13.60	13.40	13.40	13.20	12.90	13.20	13.20	13.10	13.70
1986	13.30	13.20	12.90	12.60	13.00	12.90	13.10	13.20	13.60	14.00	14.10	14.30	13.30
1987	14.40	14.20	13.80	13.40	13.10	13.20	13.20	13.20	13.70	13.60	13.70	13.60	13.60
1988	13.70	13.30	13.20	12.60	12.60	12.60	12.60	13.00	13.30	13.60	14.20	14.10	13.20
1989	14.20	14.00	13.60	13.00	12.90	13.20	13.10	13.50	14.30	14.70	15.40	16.30	14.00
1990	**16.40**	**16.30**	**15.30**	**13.90**	**14.00**	**14.40**	**14.80**	**15.40**	**15.50**	**15.00**	**14.50**	**12.30**	**14.80**
						MANUFACTURING GRADE							
1985	11.80	12.50	11.80	11.80	11.50	11.30	11.10	11.00	11.10	11.30	11.50	11.40	11.50
1986	11.40	11.20	11.10	10.70	10.80	10.70	10.70	10.80	11.20	11.40	11.60	11.70	11.10
1987	11.50	11.50	11.10	11.10	10.90	10.90	10.90	11.00	11.20	11.40	11.60	11.30	11.20
1988	11.40	11.20	11.00	10.80	10.50	10.60	10.20	11.00	10.90	11.40	11.70	12.00	11.00
1989	11.80	11.60	11.40	10.90	10.70	10.90	11.20	11.30	11.70	12.70	13.30	13.50	11.60
1990	**13.40**	**12.70**	**13.10**	**12.60**	**12.00**	**12.10**	**12.80**	**12.50**	**12.70**	**12.20**	**11.40**	**11.00**	**12.40**

MILK COWS: PRICES RECEIVED BY FARMERS, TENNESSEE, BY QUARTERS, 1985-1990

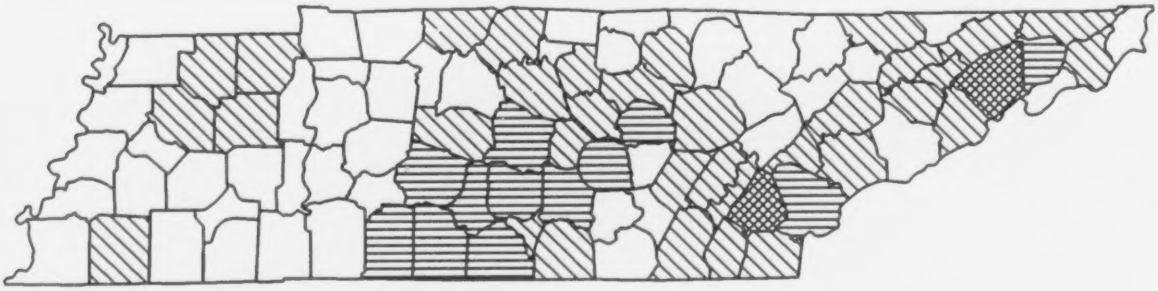
Year	January	April	July	October	Annual Average
			Dollars Per Head		
1985	790	800	810	760	790
1986	750	730	770	740	750
1987	780	850	840	860	835
1988	890	890	850	850	870
1989	890	930	920	940	920
1990	**940**	**1,000**	**1,090**	**1,040**	**1,020**

GRAIN AND OTHER CONCENTRATES: QUANTITY FED TO MILK COWS AND VALUE, TENNESSEE, 1987-1990

Year	Quantity Fed Daily Per Cow				Quantity Fed Annually			Annual Average Value of Feed	
	Jan. 1	Apr. 1	July 1	Oct. 1	Per Cow	Per CWT. of Milk	Total	Per CWT.	Per CWT. of Milk
	Pounds				Pounds		Tons	Dollars	
1987	16.0	16.0	15.0	14.5	4,780	44	485	$8.01	$3.55
1988	15.0	16.0	16.0	14.0	5,170	47	509	$8.88	$4.17
1989	15.0	16.0	15.0	15.0	5,170	48	507	$9.58	$4.57
1990	**16.0**	**16.0**	**14.0**	**15.0**	**5,600**	**50**	**549**	**$9.25**	**$4.62**

TENNESSEE MILK COWS

January 1, 1991



TOP FIVE COUNTIES

1. GREENE	13,700
2. MCMINN	11,000
3. WASHINGTON	8,100
4. LINCOLN	8,000
5. MARSHALL	8,000

HEAD

▩	9,999 to 30,000
▤	4,999 to 9,999
▨	999 to 4,999
☐	0 to 999

MILK COWS: TENNESSEE, BY COUNTIES, JANUARY 1, 1990-1991[1]

District & County	1990 (Number)	Rank	1991 (Number)	Rank
Dyer	300	72*	300	70*
Lake	0	86*	0	86*
Lauderdale	300	72*	200	77*
Obion	600	55*	500	59*
Shelby	300	72*	300	70*
Tipton	400	66*	300	70*
District 1	1,900		1,600	
Benton	100	81*	100	80*
Carroll	1,000	45*	1,000	45*
Chester	300	72*	300	70*
Crockett	0	86*	0	86*
Decatur	0	86*	0	86*
Fayette	1,600	39*	1,600	37*
Gibson	1,000	45*	1,000	45*
Hardeman	300	72*	300	70*
Hardin	100	81*	100	80*
Haywood	100	81*	100	80*
Henderson	100	81*	100	80*
Henry	2,900	23*	2,900	23
McNairy	0	86*	0	86*
Madison	300	72*	400	65*
Weakley	3,200	21	3,100	21*
District 2	11,000		11,000	2
Cheatham	0	86*	0	86*
Dickson	500	60*	400	65*
Hickman	200	79*	200	77*
Houston	0	86*	0	86*
Humphreys	500	60*	500	59*
Lawrence	6,000	9	6,000	8*
Lewis	100	81*	100	80*
Montgomery	900	48*	900	49*
Perry	0	86*	0	86*
Robertson	4,700	14*	4,900	15
Stewart	0	86*	0	86*
Wayne	0	86*	0	86*
District 3	12,900		13,000	
Bedford	6,400	8	6,500	7
Cannon	3,100	22	3,100	21*
Clay	300	72*	300	70*
Davidson	500	60*	400	65*
De Kalb	1,800	34*	1,700	35*
Giles	6,600	7	6,000	8*
Jackson	200	79*	200	77*
Lincoln	7,800	3	8,000	4*
Macon	800	53	800	52*
Marshall	7,500	5	8,000	4*
Maury	5,400	11*	5,000	12*
Moore	1,600	39*	1,600	37*
Rutherford	6,800	6	7,500	6
Smith	1,200	43	1,300	42*
Sumner	2,600	25*	2,700	25*
Trousdale	400	66*	300	70*
Williamson	4,100	17	3,800	18
Wilson	2,900	23*	2,800	24
District 4	60,000		60,000	
Bledsoe	1,900	32*	2,100	29*
Coffee	4,700	14*	5,000	12*
Cumberland	2,600	25*	2,700	25*
Fentress	900	48*	800	52*
Franklin	4,000	18	4,000	17
Grundy	900	48*	800	52*
Marion	500	60*	600	57*
Morgan	500	60*	500	59*
Overton	1,800	34*	1,900	32
Pickett	400	66*	100	80*
Putnam	1,900	32*	1,500	41
Scott	400	66*	500	59*
Sequatchie	600	55*	700	55*
Van Buren	1,000	45*	900	49*
Warren	5,400	11*	5,900	10
White	5,300	13	5,000	12*
District 5	32,800		33,000	
Anderson	600	55*	600	57*
Blount	2,500	28	2,300	28
Bradley	4,300	16	4,600	16
Campbell	600	55*	500	59*
Carter	700	54	1,000	45*
Claiborne	2,000	31	2,100	29*
Cocke	2,600	25*	2,600	27
Grainger	1,600	39*	1,600	37*
Greene	14,000	1	13,700	1
Hamblen	1,700	36*	1,800	33*
Hamilton	1,200	43*	1,200	44
Hancock	500	60*	500	59*
Hawkins	2,100	29*	1,800	33*
Jefferson	3,700	19*	3,500	20
Johnson	900	48*	900	49*
Knox	1,300	42	1,300	42*
Loudon	3,700	19*	3,700	19
McMinn	11,000	2	11,000	2
Meigs	1,700	36*	1,700	35
Monroe	5,900	10	5,700	11
Polk	1,700	36*	1,600	37*
Rhea	900	48*	1,000	45*
Roane	600	55*	700	55*
Sevier	400	66*	400	65*
Sullivan	2,100	29*	2,100	29*
Unicoi	0	86*	0	86*
Union	400	66*	400	65*
Washington	7,700	4	8,100	3
District 6	76,400		76,400	
STATE	195,000		195,000	

[1] 1990 Final; 1991 Preliminary.

*Tied

MANUFACTURED DAIRY PRODUCTS: PRODUCTION BY MONTHS, TENNESSEE, 1989-1990

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total
						1,000 Gallons							
1989													
Ice Cream Mix	677	713	952	867	966	1,154	903	937	809	739	599	540	9,856
Ice Milk Mix	300	202	339	448	365	443	463	435	376	323	286	258	4,238
Milk Sherbet Mix	43	45	55	58	63	69	75	58	57	32	32	32	619
Ice Cream	1,196	1,355	1,826	2,157	1,648	2,100	1,616	1,717	1,565	1,323	1,099	1,001	18,611
Ice Milk[1]	367	333	473	567	448	567	619	527	544	386	401	355	5,587
Milk Sherbet	52	72	83	74	82	93	83	79	83	72	44	50	867
1990													
Ice Cream Mix	532	646	713	624	840	928	892	813	749	651	542	478	8,408
Ice Milk Mix	267	265	304	318	341	389	343	361	279	232	216	184	3,499
Milk Sherbet Mix	37	46	53	40	60	54	63	53	48	40	34	30	558
Ice Cream	1018	1137	1303	1144	1523	1692	1632	1241	1448	1202	1023	928	15,291
Ice Milk[1]	403	413	511	487	502	599	544	537	455	361	314	279	5,405
Milk Sherbet	55	72	87	65	74	93	95	81	110	57	59	46	894

[1] Includes hard, soft-serve, and freezer-made milkshake.

MANUFACTURED DAIRY PRODUCTS: PRODUCTION BY SPECIFIED PRODUCTS, 1984-1990

Year	Total Ice Cream	Sherbet (Milk)	Ice Milk	Ice Cream Mix	Ice Milk Mix	Milk Sherbet Mix
			1,000 Gallons			
1984	19,135	933	5,536	9,823	2,397	601
1985	19,119	918	6,636	9,702	2,769	590
1986	21,075	909	6,023	10,468	2,710	640
1987	21,267	1,005	6,794	11,049	2,900	662
1988	18,800	923	5,562	10,155	2,970	625
1989	18,611	867	5,587	9,856	4,238	619
1990	15,291	894	5,405	8,408	3,499	558

MANUFACTURED DAIRY PRODUCTS: PRODUCTION BY SPECIFIC PRODUCTS, 1984-1990

Year	Butter	American Cheese Made From Whole Milk	Cottage Cheese Curd	Cottage Cheese Creamed
		1,000 Pounds		
1984	[1]	10,613	6,970	9,297
1985	[1]	[1]	7,099	9,625
1986	[1]	[1]	[1]	[1]
1987	[1]	[1]	7,128	8,284
1988	[1]	[1]	7,592	8,967
1989	[1]	6,018	6,139	7,865
1990	[1]	9,950	6,289	6,668

[1] Production not shown to avoid disclosing individual operations.

POULTRY

CHICKENS: NUMBER ON FARMS AND VALUE, TENNESSEE, DECEMBER 1, 1983-1990

Year	Total[1]	Hens	Pullets Laying	Pullets[2]	Pullets[3]	Other Chickens	Value All Chickens	
							Per Head	Total
	1,000 Birds						Dollars	1,000 Dol.
1983	3,900	1,590	1,440	380	410	110	1.75	6,825
1984	4,100	1,410	1,790	500	280	120	1.85	7,585
1985	3,300	1,120	1,560	320	210	90	1.85	6,105
1986	3,500	1,000	1,585	265	550	100	1.70	5,950
1987	3,250	1,260	1,210	290	410	80	1.25	4,063
1988	2,070	730	1,000	150	130	60	1.25	2,588
1989	1,680	600	650	260	90	80	1.45	2,436
1990	**1,600**	**355**	**765**	**180**	**220**	**80**	**3.00**	**4,800**

[1] Excludes commercial broilers. [2] Over 3 months. [3] Under 3 months.

CHICKENS: LOST, SOLD AND VALUE OF SALES, TENNESSEE, 1983-1990

Year[1]	Number Lost	Number Sold	Pounds Sold	Value of Sales[2]
	1,000 Birds		1,000 Lbs.	1,000 Dollars
1983	500	3,000	15,000	1,575
1984	450	2,350	11,750	1,763
1985	420	2,540	10,160	1,473
1986	375	1,920	7,680	960
1987	310	1,650	6,600	660
1988	280	1,570	6,280	628
1989	190	1,170	5,148	865
1990	**185**	**1,110**	**4,884**	**625**

[1] Annual estimates cover the period December 1 previous year through November 30 and excludes commercial broilers. [2] Formerly called Cash Income.

MARKET EGGS: PRICES RECEIVED BY FARMERS, TENNESSEE, BY MONTHS, 1983-1990

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Marketing Year Average[1]
	Cents Per Dozen												
1983	51.5	54.0	56.5	55.9	61.4	59.0	57.0	59.7	63.4	67.9	74.7	66.0	59.1
1984	75.0	91.0	84.0	91.0	71.0	61.0	61.1	60.0	61.3	55.5	64.9	60.5	71.0
1985	49.2	48.5	57.2	51.9	48.8	57.5	50.2	58.9	63.6	65.5	69.9	65.8	56.7
1986	66.7	59.5	70.3	54.9	55.0	48.2	61.6	58.2	66.7	58.5	69.8	[2]	61.1
1987[2]													46.0
1988[2]													46.0
1989[2]													51.7
1990[2]													**52.0**

[1] Marketing year is December 1 previous year through November 30 current year. [2] Monthly price estimates discontinued.

EGGS: PRODUCTION AND VALUE, TENNESSEE, 1984-1990

Year[1]	Average Number Of Layers during year	Eggs Per Layer	Eggs Produced	Price Per Dozen	Value of Production
	1,000 Birds	Number	Million	Cents	1,000 Dollars
1984	2,901	256	744	71.0	44,020
1985	2,948	256	756	56.7	35,721
1986	2,637	251	663	61.1	33,758
1987	2,684	250	670	46.0	25,683
1988	2,120	251	532	46.0	20,393
1989	1,612	241	389	66.5	21,557
1990	**1,217**	**227**	**277**	**70.2**	**16,204**

[1] Annual estimates cover the period December 1 through November 30.

EGG PRODUCTION: TENNESSEE, BY MONTHS, 1984-90

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total[1]
							Million Eggs						
1984	64	59	62	59	60	59	61	62	63	67	67	69	744
1985	69	59	63	62	63	60	62	62	62	65	65	60	756
1986[2]	172			170			165			156			663
1987[2]	159			175			176			160			670
1988[2]	149			141			128			114			532
1989[2]	110			108			95			76			389
1990[2]	**59**			**69**			**78**			**71**			**277**

[1] The marketing year covers the period December 1 previous year through November 30 current year.

[2] Estimates made on quarterly basis.

HENS AND PULLETS OF LAYING AGE: TENNESSEE, BY MONTHS, 1984-1990

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Avg.[1]
					Thousands								
1984	2,988	2,860	2,813	2,811	2,781	2,783	2,846	2,888	2,921	2,983	3,018	3,160	2,901
1985	3,095	3,040	2,950	2,855	2,810	2,860	2,910	2,931	2,951	2,976	2,845	2,746	2,948
1986[2]	2,721			2,746			2,576			2,503			2,637
1987[2]	2,608			2,780			2,786			2,556			2,684
1988[2]	2,380			2,200			2,045			1,855			2,120
1989[2]	1,705			1,600			1,640			1,505			1,613
1990[2]	**1,250**			**1,238**			**1,218**			**1,166**			**1,218**

[1] The marketing year covers the period December 1 previous year through November 30 current year.

[2] Estimates made as quarterly averages.

BROILERS: PRODUCTION AND INCOME, TENNESSEE, 1983-1990

Year	Birds Produced	Pounds Produced	Price Per Pound[1]	Value of Production
	1,000	1,000	Cents	1,000 Dollars
1983	61,054	244,216	27.5	67,159
1984	70,000	287,000	31.0	88,970
1985	70,900	290,690	27.5	79,940
1986	80,000	336,000	31.5	105,840
1987	89,500	375,900	25.5	95,855
1988	87,000	365,400	31.0	113,274
1989	99,300	426,990	34.0	145,177
1990	**99,100**	**436,040**	**30.0**	**130,812**

[1] Liveweight equivalent price.

BROILERS: PRICES RECEIVED BY FARMERS, TENNESSEE, BY MONTHS, 1983-1990[1]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Marketing Year Average[2]
						Cents Per Pound							
1983	21.0	25.0	23.0	24.5	26.5	28.5	30.0	31.5	32.0	31.0	33.0	31.0	27.5
1984	36.0	35.5	35.5	32.0	32.0	30.0	31.5	28.5	29.0	27.0	28.0	27.0	31.0
1985	28.0	28.0	27.0	25.5	27.5	29.0	28.0	27.0	27.5	26.0	29.0	26.5	27.5
1986	27.5	26.5	26.0	26.5	31.0	31.0	41.0	40.5	34.0	34.5	32.0	[3]	31.5
1987[3]													25.5
1988[3]													31.0
1989[3]													34.0
1990[3]													**30.0**

[1] Liveweight equivalent price.

[2] Marketing year is December 1 through November 30. Average prices are computed by weighing monthly prices by the estimated percentage of sales each month.

[3] Monthly estimates discontinued.

HONEY PRODUCTION UP SLIGHTLY

Honey production in Tennessee from producers with five or more colonies totaled 627,000 pounds in 1990, up slightly from the 625,000 pounds produced in 1989. The increase in production was a result of higher honey yields per colony even though the number of colonies continued to decrease. The average yield was 33 pounds per colony compared with 25 per colony in 1989.

Honey stocks on hand December 15, 1990 were 138,000 pounds. The 1990 honey crop averaged $1.01 per pound, up 27 cents from 1989. The value of Tennessee honey production totaled $633,000 compared with $463,000 in 1989.

HONEY: TENNESSEE, 1986-1990

Year	Colonies of Bees	Honey Production Per Colony	Production	Average Price Per Pound	Value of Production	Honey Stocks on Hand for Sale Dec. 15
	1,000	Pounds	1,000 Pounds	Cents	1,000 Dollars	1,000 Pounds
1986	35	55	1,925	90	1,733	732
1987	35	40	1,400	76	1,064	462
1988	35	40	1,400	75	1,050	462
1989	25	25	625	74	463	25
1990	**19**	**33**	**627**	**101**	**633**	**138**

FEWER CATFISH SOLD, HIGHER PRICES

Tennessee's commercial catfish growers sold, excluding hatchery sales, 223 thousand pounds of catfish in 1990, down 10 thousand pounds from 1989. Factors contributing to the decline in sales were fewer commercial growers and a continuing shift to fee and recreation fishing. Tennessee's producers, excluding hatchery sales, sold catfish for an average price of $1.33 per pound in 1990, compared with $1.21 last year. Tennessee's growers sold no stocker fish in 1990. Excluding hatchery sales, Tennessee's catfish sales totaled 296 thousand dollars in 1990, up 5 percent from 1989.

From July 1 through December 31, 1990, the leading cause of fish losses for Tennessee's growers was floods damaging dams and washing fish over spillways. During 1990, Tennessee's growers paid an average price of 8.6 cents for fish from 2 inches to 3/4 pound used to stock their ponds. The cost of feed averaged 286 dollars per ton.

CATFISH: NUMBER OF OPERATONS, TOTAL WATER ACRES, AND SALES, TENNESSEE AND SELECTED STATES[1] 1990-1991

State	Operations			Water Surface			Total Sales	
	July 1 1990	Jan. 1 1991	July 1 1991	July 1 1990	Jan. 1 1991	July 1 1991	1989	1990
	Number			Acres			1,000 Dollars	
Tennessee	32	28	27	380	380	310	[2]	[2]
Selected States	1,840	1,818	1,944	157,220	161,900	166,160	269,716	323,209

CATFISH FOOD-SIZE AND STOCKER SALES: NUMBER, WEIGHT, VALUE, AVERAGE PRICE, TENNESSEE AND SELECTED STATES[1], 1989-1990

State	Unit	Tennessee		Selected States	
		1989	1990	1989	1990
Food-Size Food Sold					
Number of Head	(000)	148	153	249,673	265,687
Liveweight	(000)Lb.	223	223	358,348	383,407
Average Price/Lb.	$	1.215	1.327	0.695	0.779
Value Sold	(000)$	271	296	249,023	298,694
Stocker Fish Sold					
Number of Head	(000)	20	0	11,743	10,026
Liveweight	(000)Lb.	10	0	3,140	1,670
Average Price/Lb.	$	1.00	0	0.775	0.951
Value Sold	(000)$	10	0	2,433	1,588
Total Stocker and Food-Size Sold					
Number of Head	(000)	168	153	261,416	275,713
Liveweight	(000)Lb.	233	223	361,488	385,077
Average Price/Lb.	$	1.206	1.327	0.696	0.780
Value Sold	(000)$	281	296	251,456	300,282

CATFISH: PERCENT FOOD-SIZE AND STOCKERS SOLD BY OUTLET TYPE, TENNESSEE AND SELECTED STATES[1], 1990

Outlet	Food-Size		Stockers	
	Tennessee	Selected States	Tennessee	Selected States
Live-haulers	1	3	0	19
Fee & Recreation	73	2	0	9
Other Producers	1	[3]	0	59
Processors	3	92	0	0
Restaurants/Direct Retail	22	2	0	0
Other Sales	0	[3]	0	13
Total	100	100	0	100

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[1] Selected States include Alabama, Arkansas, Illinois, Kentucky, Louisiana, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas. [2] Not published to avoid disclosure of hatchery operations. [3] Less than 1 percent.

TROUT SALES INCREASE 6 PERCENT

During the twelve month period beginning September 1, 1989 and ending August 31, 1990, Tennessee's trout growers earned $747,000 from food-size trout and stocker sales compared with $704,000 during the same period last year. The major factor in this 6 percent increase was food-size fish sales which increased from $511,000 last year to $562,000 this year and made up 75 percent of Tennessee's trout sales. Eighty-two percent of Tennessee's stocker fish (6 to 12 inches in length) were sold to other producers for stocking their ponds and 18 percent were harvested for fee and recreation purposes. Tennessee producers received an average price per pound of $2.06 for stockers, up from $1.95 in 1989, and $2.05 for food-size, up from $1.78 last year.

Fifty percent of Tennessee's trout losses were caused primarily by drought. Other losses were the result of disease, predators, and floods.

TROUT: NUMBER OF OPERATIONS AND SALES, TENNESSEE AND SELECTED STATES[1]

State	Operations		Total Sales From	
	Sept. 1 1989	Sept. 1 1990	Sept. 1, 1988–Aug. 31, 1989[2]	Sept. 1, 1989–Aug. 31, 1990
	Number		1,000 Dollars	
Tennessee	14	12	756	808
Selected States	469	461	71,732	76,908

TROUT FOOD-SIZE AND STOCKER SALES: NUMBER, WEIGHT, VALUE, AVERAGE PRICE, TENNESSEE AND SELECTED STATES[1], YEAR ENDING AUG.31

State	Unit	Tennessee		Selected States	
		1989	1990	1989	1990
Food-Size Food Sold					
Number of Head	(000)	329	316	67,439	67,744
Liveweight	(000)Lb.	287	274	55,528	56,766
Average Price/Lb.	$	1.78	2.05	1.08	1.14
Value Sold	(000)$	511	562	60,041	64,460
Stocker Fish Sold					
Number of Head	(000)	689	462	8,772	8,315
Liveweight	(000)Lb.	99	90	3,287	2,765
Average Price/Lb.	$	1.95	2.06	2.06	2.28
Value Sold	(000)$	193	185	6,777	6,307
Total Stocker and Food-Size Sold					
Number of Head	(000)	1,018	778	76,211	76,059
Liveweight	(000)Lb.	386	364	58,815	59,531
Average Price/Lb.	$	1.82	2.05	1.14	1.19
Value Sold	(000)$	704	747	66,818	70,767

TROUT: PERCENT FOOD-SIZE AND STOCKERS SOLD BY OUTLET TYPE, TENNESSEE AND SELECTED STATES, SEPT 1, 1989 THROUGH AUG. 31, 1990

Outlet	Food-Size		Stockers	
	Tennessee	Selected States	Tennessee	Selected States
Live-haulers	--	7	--	18
Fee and Recreation	12	14	18	46
Other Producers	8	3	82	21
Direct to Consumers	3	1	--	--
Processors	5	58	--	--
Restaurants/Direct Retail	72	14	--	--
Other Sales	--	3	--	15
Total	100	100	100	100

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[1] Selected States include California, Colorado, Georgia, Idaho, Michigan, Missouri, New York, North Carolina, Oregon, Pennsylvania, Tennessee, Utah, Virginia, Washington, Wisconsin.

[2] Total sales for Sept. 1, 1988-Aug. 31, 1989 excludes fingerling sales.

Weather

1990 WEATHER SUMMARY

JANUARY: Heavy rains accompanied frontal systems as the New Year began. Temperatures were quite cold. Farmers were busy with such mid-winter activities as feeding and watering livestock, and performing routine maintenance and repair chores. High pressure dominated at mid-month, bringing warmer, drier weather. Mild weather helped livestock improve considerably. Electricity and pipe repairs continued during the thaw after a frigid December. Toward the end of January, a tremendous warm, moist southerly air mass spread over the state. Temperatures soared 15 to 20 degrees above normal statewide. The system brought with it considerable rainfall. Conditions were great between showers for outdoor chores. Farmers took full advantage of the warm-up by catching up on their "to do" lists.

FEBRUARY: A fast moving low pressure system early in February brought moderate rains to Tennessee. Storms dumped four to seven times the normal rainfall across the state. Flooding was a major problem. Several head of cattle were swept away by flood waters. Farmers were spending much of their time trying to control flood waters as best they could. Unseasonably warm temperatures continued to dominate the weather in early February. Winter wheat was rated in mostly fair to good condition. Minimal disease problems were noted. Wheat was beginning to grow due to mild temperatures. Fruit trees were in good condition. Some fruit trees were beginning to bud out early. Hay and roughage supplies were mostly adequate. Farmers kept busy with routine care of livestock, poultry, and catfish; lambing; preparing plantbeds; repairing and maintaining equipment; spraying and pruning fruit trees; planting pine trees; and soil testing. Several cold fronts invaded the state at the end of February, which sent the mercury plunging from the 70s one day to the teens the next.

MARCH: Warm weather made an abrupt return early in March, which triggered early blooming of peaches. This was followed by several sharp cold snaps in which most of the state's peach crop was lost. The strawberry and apple crops were also reduced in many areas. Cold, wet weather hampered early spring fieldwork. Very little field preparation was possible, and farmers were behind in fertilizing pastures and wheat. Most tobacco beds were seeded in March, and plants were beginning to come up. Soggy fields prevented much corn from being planted. Only about one percent of the crop was planted during the month. Heavy rains hampered topdressing of wheat. Several acres suffered from water damage, and never fully recovered from the extreme winter cold. Septoria leaf spot and powdery mildew were growing problems in wheat fields. Farmers were busy spraying for alfalfa weevils in March. Pastures were beginning to furnish some grazing, allowing cattlemen to reduce hay and supplemental feeding. Cattle were in mostly good condition.

APRIL: The 1990 growing season got off to a slow start for most farmers. Record cold weather in early April caused considerable damage to the peach crop, and reduced other fruit yields. Wet fields caused considerable planting delays. During April, only one-quarter of the corn crop was planted, far less than normal for the period. Cotton planting had just begun at month's end -- two to three weeks later than usual. Tobacco beds were seeded on schedule, and plants came up at a normal pace. Sunny weather at the end of April allowed transplanting to get underway. Cool nights early in the month slowed growth considerably. Much of the wheat crop suffered from frost and freeze damage during April. Wheat diseases seemed to flourish. The cold, wet weather slowed pasture growth and reduced quality until late in the month. Alfalfa weevils were very active in April, with upper East Tennessee reporting heavy damage. Musk thistles began sprouting up in pastures everywhere. Cattle were in good condition during early spring, however several cases of grass tetany were reported and face flies were a growing problem.

MAY: Cold, rainy weather marked the first part of May. Record late frosts slowed crop growth and further damaged some fruit and wheat. Corn planting was slowed by constant rain. Cotton planting was also very slow, and early cotton was suffering from continuous rain and cool weather. Tobacco transplanting was running slightly ahead of normal, but growth was slowed by unusually cool nights. Some tobacco plants were bitten by frost early in the month, and hail damage was reported in some East Tennessee counties. Snail damage in tobacco was also a concern. A tobacco plant shortage occurred in East Tennessee, while Middle Tennessee growers had an adequate supply. By mid-month, corn and cotton planting had slowed to two weeks behind normal. Most wheat was rated in fair to good condition. Cereal leaf beetles were causing damage in many West and Middle Tennessee wheat fields. Some wheat was turning yellow from too much standing water in fields. Hail damage was reported in some early vegetable gardens. Eastern tent caterpillars were extremely active statewide. May ended on a warm, rainy note. Farmers were late planting all crops, but most were in fair to good condition. Insects and weather-related diseases were particularly troublesome during May.

JUNE: Farmers worked long hours when weather permitted in early June. Determined growers wrapped up planting the corn and cotton crops despite continuous threats of rain. Good progress was also made early in the month toward getting sorghum and soybeans planted. Farmers were persistent in the hay fields, too, cutting and rolling a good deal of fescue and clover between showers. Hard work paid off with many farmers catching up to their planned schedules. Hot, sunny weather at mid-month provided fine haying conditions. Fields dried quickly, which allowed planting to resume along the flood plains of the Mississippi River. Corn was beginning to tassel, with some twisting reported due to hot, dry weather. Wireworms were damaging late corn, and fields were getting above threshold levels for European corn borers. Early cotton was beginning to square, and growers were busy with pinhead boll weevil treatments. Tobacco growers wrapped up transplanting at mid-month, and the crop was rated in mostly fair to good condition. Combining of wheat was well underway on most farms, with growers reporting poor yields and quality. Blistering temperatures and dry soils marked the end of the month. Soils were drying quickly under the searing sun. Corn continued to twist and pasture growth stalled. Dry soil also slowed soybean planting, while farmers awaited additional rainfall. Overall, most crops were still rated in good condition as farmers entered the mid-point in the season.

JULY: Hot, dry weather continued into the first part of July. Corn growth was retarded by inadequate moisture at the critical tasseling stage. Tobacco growers were irrigating their crops in early July, and most soybean producers put off applying post-emergence herbicides until conditions improved. Some cattle were back on hay during early July as parched pastures provided little feed. Heat stress was affecting cattle. Farmers saw some relief at mid-month with steady rains settling in over most of the state. Soil moisture levels were replenished in many sections. Crops responded well to the soaking rains and cooler temperatures. Tasseling corn got some relief when it was needed most. Emerging soybeans were given a boost by the showers, and tobacco condition improved. Pasture growth picked up, and cattle heat stress was relieved. The weather continued to flip-flop, returning to a dry pattern during the last couple of weeks in July. Crops continued to grow well thanks to mid-month moisture retained in the soil. But as the temperature began another upward spiral, soils dried rapidly through the end of the month. Corn was in fair to good condition, but many ears were not completely filled out. Cotton was growing and fruiting well. Soybean condition had improved steadily during the month. Tobacco rebounded well. Vegetables were in mostly good condition. Several farmers reported the best third cutting of alfalfa in years. Pond levels were getting critically short as the month ended on a dry note.

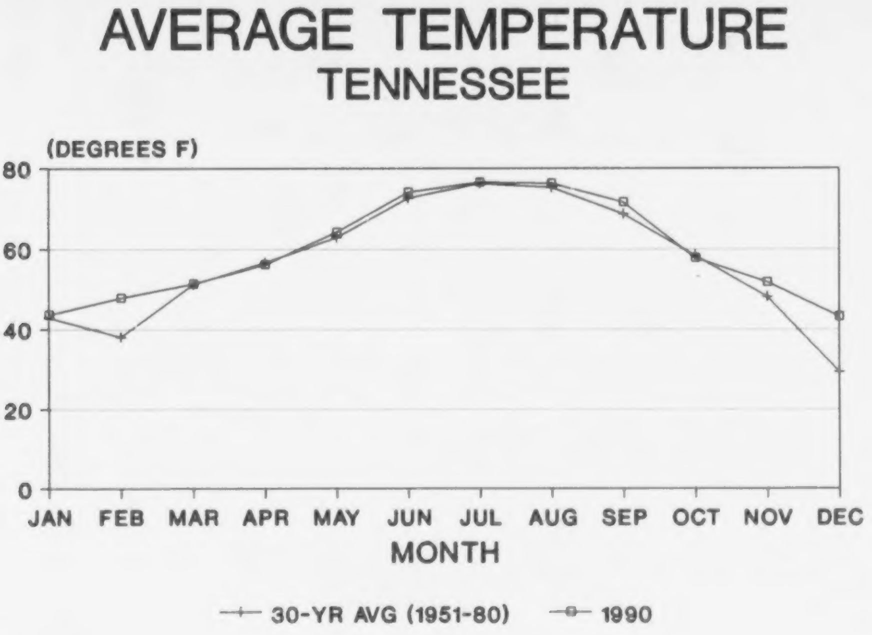
AUGUST: Crops made good progress in early August following showers in late July. Corn development was stunted in many fields by earlier dry weather. Sorghum, cotton, and soybeans were developing late, but were rated in mostly good condition. The tobacco harvest was getting underway. Growers rated the crop in fair to good condition. By mid-August, the lack of rain was again causing serious problems. The condition of all crops dropped, with the exception of tobacco. The tobacco harvest got underway early, even though much of the crop wasn't ripe. Pasture conditions deteriorated, and were providing limited feed for herds. Heat stress was common in cattle. Conditions worsened at the end of the month. West and Middle Tennessee farmers were particularly hurt by arid weather. Crop conditions worsened further, with about a third of the cotton, sorghum, and soybeans rated poor or worse. Severe storms ripped through East Tennessee and the Plateau at month's end, damaging several acres of tobacco and vegetables.

SEPTEMBER: Early September was marked by heavy, scattered thunderstorms across the eastern two-thirds of the state. Several acres of tobacco were damaged by excessive rain and hail in Middle and East Tennessee. Barns were damaged, and silos blown down on the Plateau. Showers were much lighter and more scattered in West Tennessee, with most crops and pastures suffering under hot, dry conditions. Substantial rainfall fell statewide at mid-month. The showers were too late to help most crops. Very late soybeans and vegetables received the greatest benefit from the additional moisture. Wind and hail damaged several more acres of tobacco in Middle Tennessee. Harvest was progressing swiftly between showers. The weather turned cooler in late September. Showers accompanied several Arctic fronts, bringing additional relief to crops and pastures. September closed out on a dry note. Soybeans and pastures continued to grow well thanks to rainfall received at mid-month. Open weather for several days was great for farmers wrapping up the tobacco harvest. Others were making great headway in harvesting corn, sorghum, and cotton. The soybean harvest was just getting underway. Fields had improved considerably for fall sowing.

OCTOBER: Heavy showers fell in many locations across the state in early October. The rain was too late for most crops, but was beneficial to pastures and fall land preparation. Some late soybeans also benefitted from the additional moisture, needed to fill out pods. Heavy rains continued at mid-month, further delaying the fall harvest. Cooler weather accompanied the wet pattern, slowing pasture growth. Tobacco growers were busy stripping tobacco, with progress in line with the previous year and the five-year average. Rains slowed the soybean harvest to about half the normal progress. As October neared an end, soggy weather continued to slow wheat seedings and the corn harvest to the point that growers became concerned about completing these activities in a timely fashion. Many producers said it would take two weeks of dry weather just to get caught up. Heavy frost sped up the soybean leaf shedding stage. Wet fields had wheat seedings running 10 days off the normal pace. October closed out with sunny weather the last few days. This allowed the harvest to push ahead rapidly. Seeding of winter grains also picked up considerable pace.

NOVEMBER: Regular showers in November slowed the harvest's pace, but farmers made the most of clear weather between rains. Farmers finished up the corn and cotton harvests early in the month. It was clear that corn pollination and ear development had been greatly hampered by the hot, dry summer. Cotton growers realized dismal yields. The cotton crop had suffered from too little rain during the growing season and too much rain when the crop was ready to be picked. Additional moisture was a boost for tobacco strippers. It turned out to be a great year for tobacco growers. Most attributed their success to generous rainfall right after transplanting, followed by just enough early summer rainfall for solid root development. Although rains slowed wheat seeding slightly, the ground remained workable in most areas. The late soybean harvest was slowed somewhat by scattered showers, but farmers made great progress during open weather. Soybean growers in the northwestern and eastern sections of the state reported a good year, while most Middle Tennessee farmers rated yields from mostly poor to only fair. Soybean yields throughout the state were better than most producers had predicted the month before. As cool weather began to set in during the month, pasture growth slowed considerably. Showers continued to replenish ponds. Cattle were rated in good condition.

DECEMBER: High pressure brought warm, rainy weather to the state in early December. A series of weather patterns at mid-month brought a mixture of warm, dry weather followed by cold, rainy weather. Farmers spent most of their time tending livestock and repairing machinery. The year ended with heavy showers causing flood damage in many areas. Some locations in West Tennessee received four inches of rain from one storm. Tobacco markets closed down for the holidays. Winter wheat was in good condition. Cattlemen reported hay supplies were adequate. Balmy 60 and 70 degree readings prevailed as we closed out the year.


AVERAGE TEMPERATURE
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(DEGREES F)
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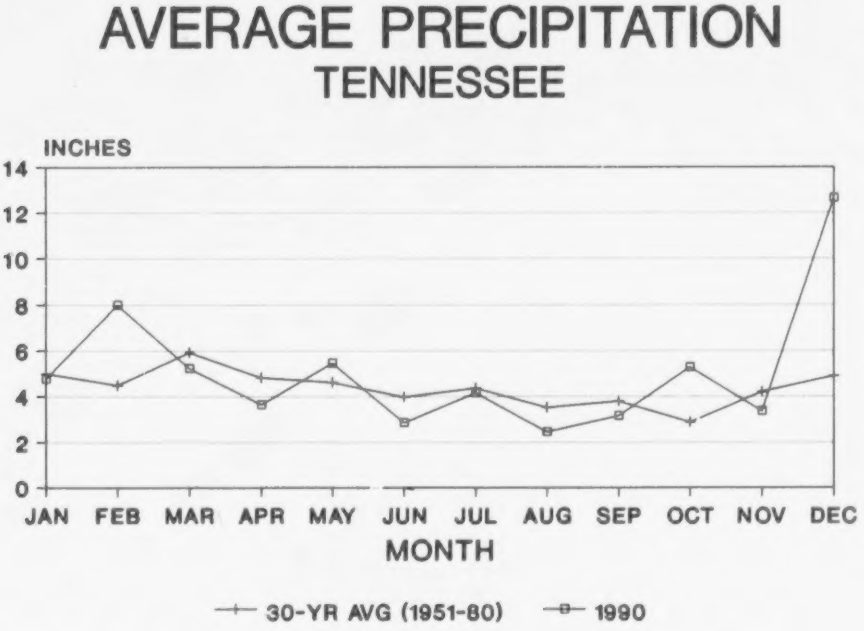
30-YR AVG (1951-80)
1990


AVERAGE PRECIPITATION
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TENNESSEE LAST FREEZE DATES

Data taken from National Weather Service offices, Cooperative Observers, and University of Tennessee Experiment Stations through the years have provided the following table. The table lists the chance of occurrence, or probability, that a freeze will occur after a certain date. For example, at Bolivar there is a 90 percent chance (9 in 10) that the last freeze will occur after March 25 ... a 50 percent chance that it will occur after April 6 ... and a 10 percent chance after the 17th.

TENNESSEE SPRING FREEZE DATES AT SELECTED PROBABILITY LEVELS

DISTRICT/STATION	90 PERCENT	50 PERCENT	10 PERCENT
WEST TENNESSEE			
BOLIVAR	3/25	4/06	4/17
BROWNSVILLE	3/19	4/01	4/14
COVINGTON	3/16	3/31	4/14
DYERSBURG	3/09	3/26	4/12
JACKSON ES	3/25	4/06	4/18
JACKSON AP	3/23	4/03	4/15
MARTIN ES	3/24	4/07	4/21
MEMPHIS AP	3/08	3/23	4/08
MILAN	3/24	4/05	4/16
NEWBERN	3/20	4/01	4/12
PARIS	3/28	4/11	4/24
SAMBURG WLD REF	3/23	4/04	4/16
UNION CITY	3/23	4/06	4/20
MIDDLE TENNESSEE			
CLARKSVILLE	3/29	4/12	4/27
COLUMBIA	3/25	4/08	4/23
DICKSON	3/27	4/09	4/22
DOVER	4/04	4/22	5/10
FRANKLIN	3/29	4/14	4/29
LEWISBURG ES	3/30	4/15	5/01
MURFREESBORO	3/27	4/10	4/23
NASHVILLE AP	3/24	4/05	4/16
SAVANNAH	3/27	4/09	4/22
SHELBYVILLE	3/30	4/15	4/30
SPRINGFIELD	3/27	4/10	4/24
WAYNESBORO	4/11	4/27	5/13
CUMBERLAND PLATEAU			
ALLARDT	4/03	4/22	5/11
CELINA	4/07	4/20	5/02
CROSSVILLE ES	4/04	4/26	5/17
MCMINNVILLE	3/27	4/11	4/26
MONTEAGLE	3/26	4/11	4/27
TULLAHOMA	3/28	4/09	4/21
EAST TENNESSEE			
COPPERHILL	4/03	4/21	5/10
GATLINBURG	4/18	5/01	5/13
GREENEVILLE ES	4/09	4/23	5/08
KINGSPORT	4/03	4/16	4/29
KNOXVILLE UT	3/18	3/29	4/09
LENOIR CITY	3/31	4/13	4/25
NEWPORT	4/02	4/17	5/01
OAK RIDGE	3/28	4/11	4/26
ROGERSVILLE	4/06	4/22	5/07

TENNESSEE FIRST FREEZE DATES

Data taken from National Weather Service offices, Cooperative Observers, and University of Tennessee Experiment Stations through the years have provided the following table. The table lists the chance of occurrence, or probability, that a freeze will occur by a certain date. For example, at Bolivar there is a 10 percent chance (1 in 10) that a freeze will occur on or before October 9 ... a 50 percent chance that it will occur by the 24th ... and a 90 percent chance by November 8. Also, the historical first fall freeze date has been provided by the University of Tennessee.

TENNESSEE FALL FREEZE DATES AT SELECTED PROBABILITY LEVELS

DISTRICT/STATION	FIRST	10 PERCENT	50 PERCENT	90 PERCENT
WEST TENNESSEE				
AMES	10/02	10/05	10/20	11/04
BOLIVAR		10/09	10/24	11/08
BROWNSVILLE		10/16	10/29	11/11
COVINGTON	10/07	10/17	10/30	11/13
DYERSBURG	10/14	10/23	11/04	11/16
JACKSON ES	09/30	10/15	10/28	11/11
JACKSON AP	10/04	10/16	10/29	11/11
MARTIN ES	10/04	10/13	10/25	11/07
MEMPHIS AP	10/16	10/25	11/07	11/20
MILAN	10/02	10/10	10/23	11/04
NEWBERN		10/10	10/24	11/08
PARIS	10/03	10/09	10/22	11/05
SAMBURG WLD REF		10/14	10/25	11/05
UNION CITY	10/03	10/06	10/20	11/02
MIDDLE TENNESSEE				
CLARKSVILLE		10/08	10/22	11/05
COLUMBIA		10/05	10/20	11/04
DICKSON		10/08	10/22	11/06
DOVER		10/04	10/14	10/25
FRANKLIN		10/07	10/21	11/04
LEWISBURG ES	09/30	10/07	10/20	11/02
MURFREESBORO		10/09	10/22	11/04
NASHVILLE AP	10/02	10/13	10/29	11/11
SAVANNAH		10/12	10/25	11/07
SHELBYVILLE		10/06	10/21	11/05
SPRINGFIELD ES	10/03	10/07	10/19	11/01
SPRING HILL ES	10/02	10/02	10/20	11/06
WAYNESBORO		09/28	10/11	10/23
CUMBERLAND PLATEAU				
ALLARDT		10/03	10/16	10/29
CELINA		10/05	10/20	11/03
CROSSVILLE ES	09/30	10/01	10/15	10/29
CROSSVILLE AP	10/02	10/04	10/19	11/02
MCMINNVILLE		10/08	10/23	11/07
MONTEAGLE		10/15	10/29	11/11
TULLAHOMA		10/08	10/21	11/04
EAST TENNESSEE				
BRISTOL AP	10/02	10/11	10/24	11/06
CHATTANOOGA	10/18	10/20	11/01	11/13
COPPERHILL		10/06	10/18	10/30
GATLINBURG		10/03	10/15	10/26
GREENEVILLE ES	10/03	10/08	10/20	10/31
KINGSPORT		10/07	10/20	11/02
KNOXVILLE UT	10/04	10/23	11/06	11/20
KNOXVILLE AP		10/23	11/04	11/17
LENOIR CITY		10/14	10/27	11/09
NEWPORT		10/09	10/21	11/03
OAK RIDGE		10/14	10/27	11/10
ROGERSVILLE		10/04	10/17	10/31

International Trade

INTRODUCTION

It is not possible under present methods of statistical measurement to determine what amount of Tennessee's agricultural production is actually sold abroad. No reliable system of reporting this information has yet been designed, and no official series of data exist.

USDA's Economic Research Service (ERS) publishes estimates of U.S. agricultural export contributions by states on a fiscal year basis (October-September). See following page. These estimates are prepared by major commodity groups and in most cases are based on the assumption that, for each commodity, a state contributes the same export share as its share of production. However, where obvious distortions exist, this procedure is amended. In order to keep data manageable, ERS limits exports only to states that account for 90 percent of a given commodity's output. They also assumed that a state would export only if it had an apparent surplus. They further assume that, although this method could eliminate some export states, it's more likely that large exporters would be sufficiently credited. Thus, for Tennessee, ERS no longer publishes estimates for wheat, feed grains, fruits or nuts, and no allowance is made for them in the "other" category.

BULK AGRICULTURAL EXPORTS FALL DURING 1990

U.S. agricultural exports fell nearly $600 million to $39.3 billion, their first decline in 4 years. Wheat exports fell $2 billion, and other grains fell to a lesser degree, offsetting increased exports of cotton, tobacco, horticultural products, and animal products. Horticultural product exports showed the largest gain, but much of this apparent $1.4 billion increase stemmed from revised procedures for collecting data.

Exports fell for the first time since 1986, ending several years of strong recovery. Exports had fallen from record highs during the first half of the 1980's but recovered because of more favorable trends in exchange rates, economic growth overseas, and new U.S. farm policies adopted after 1985. Following a 1988 drought, U.S. exports benefitted from the U.S. ability to export from stocks in response to higher prices. However, as U.S. production subsequently rebounded, prices slipped, and increased production overseas limited U.S. export volume during 1990.

The largest decline during 1990 came in wheat exports, which fell 9 million tons. At 27 million tons, wheat exports were their lowest since 1986. Exports fell as record world wheat production increased competition and drove prices down during the last half of 1990. U.S. wheat exports to China fell 3.7 million tons, the biggest decline in shipments to any one customer. Slowed economic growth in China, efforts to restrain foreign exchange expenditures, and increased grain production there all helped China cut wheat purchases from the United States.

Exports were also lower to the Soviet Union following an improved harvest there and in the European Community (EC). The EC is a competing exporter to the Soviet market and aggressively subsidizes exports of surplus wheat. EC competition also hindered U.S. wheat sales to the Middle East and North Africa, while U.S. exports to Pakistan and Bangladesh fell as local food grain supplies improved.

AGRICULTURAL EXPORTS: TENNESSEE AND U.S., 1988-1990

Commodity	Tennessee			United States		
	1988	1989	1990	1988	1989	1990
	Million Dollars					
Soybean and Product	103.4	120.2	81.6	6,972.2	5,822.0	5,271.8
Tobacco, unmanufactured	74.5	76.1	67.3	1,297.1	1,273.9	1,373.5
Cotton and Linters	94.9	78.0	106.2	2,150.1	2,059.4	2,719.5
Cottonseed and Products	5.0	4.2	3.5	114.5	106.8	94.3
Wheat and Products	---	---	---	4,675.1	6,278.4	4,430.3
Feed Grains and Products	---	---	---	6,228.5	8,345.8	9,070.9
Live Animals and Meat, Excluding Poultry	20.8	21.9	17.8	2,248.6	2,830.0	2,817.3
Fats, Oils, and Grease	3.4	2.4	1.3	544.6	530.8	458.8
Poultry and Products	1.6	1.6	11.4	647.4	724.5	853.5
Hides and Skins	10.7	7.4	4.8	1,836.8	1,713.0	1,795.6
Vegetables and Preparations	1.2	1.2	1.1	1,280.5	1,542.3	2,078.7
Dairy Products	7.2	6.3	4.8	535.5	474.7	347.7
Fruits and Preparations	---	---	---	1,714.1	1,800.2	2,188.1
Tree Nuts	---	---	---	779.7	688.5	734.9
Feeds and Fodders	2.8	3.3	5.6	874.3	1,062.4	1,047.5
Seeds	3.7	4.5	5.2	414.7	506.6	576.4
Other	9.4	13.1	15.8	1,944.9	2,554.8	3,112.9
All Commodities	338.6	340.2	326.3	35,378.6	39,637.1	40,181.8

Source: "Foreign Agricultural Trade of the United States," USDA, Economic Research Service, May/June 1991. Fiscal year ending September 30.

VALUE OF U.S. FOREIGN TRADE AND TRADE BALANCE, CALENDAR YEARS, 1972-1990

Year	U.S. Exports				U.S. Imports				Trade Balance		
	Agri-cultural	Non Agri-cultural	Total	Percent Agri-cultural	Agri-cultural	Non Agri-cultural	Total	Percent Agri-cultural	Agri-cultural	Non Agri-cultural	Total
	Million Dollars			Percent	Million Dollars			Percent	Million Dollars		
1972	9,401	39,558	48,959	19	6,467	48,843	55,310	12	2,934	- 9,285	-6,351
1973	17,680	52,566	70,246	25	8,419	60,605	69,024	12	9,261	- 8,039	1,222
1974	21,945	75,199	97,144	23	10,221	89,919	100,140	10	11,724	-14,720	-2,996
1975	21,859	84,702	106,561	21	9,293	87,638	96,931	10	12,566	- 2,936	9,630
1976	22,978	90,688	113,666	20	10,966	110,486	121,452	9	12,012	- 19,798	- 7,786
1977	23,636	95,370	119,006	20	13,438	134,538	147,976	9	10,198	- 39,168	- 28,970
1978	29,382	111,744	141,126	21	14,805	158,107	172,912	9	14,577	- 46,363	- 31,786
1979	34,749	143,842	178,591	19	16,724	189,126	205,850	8	18,025	- 45,284	- 27,259
1980	41,233	175,359	216,592	19	17,366	226,611	243,977	7	23,867	- 51,252	- 27,385
1981	43,339	185,622	228,961	19	16,772	242,240	259,012	6	26,567	- 56,618	- 30,051
1982	36,627	170,531	207,158	18	15,341	226,999	242,340	6	21,286	- 56,468	- 35,182
1983	36,099	159,870	195,969	18	16,530	240,150	256,680	6	19,569	- 80,280	- 60,711
1984	37,804	174,253	212,057	18	19,334	303,656	322,990	6	18,470	- 129,403	- 110,933
1985	29,041	177,884	206,925	14	19,968	323,584	343,552	6	9,073	- 145,700	- 136,627
1986	26,217	183,330	209,547	13	21,440	347,217	368,657	6	4,777	- 163,887	- 159,110
1987	28,709	215,150	243,859	12	20,402	381,664	402,066	5	8,307	- 166,514	- 158,207
1988	37,126	270,888	308,014	12	20,951	416,189	437,140	5	16,175	- 145,301	- 129,126
1989	39,933	307,594	347,527	11	21,749	446,613	468,362	5	18,184	- 139,019	- 120,835
1990	39,347	335,997	375,344	12	22,771	468,204	490,975	5	16,576	- 132,207	- 115,631

Source: "Foreign Agricultural Trade of the United States," USDA, Economic Research Service, January/February 1991.

Other Statistics

CROPS: USUAL PLANTING AND HARVESTING DATES, TENNESSEE

Crop	1990 Harvested Acreage	Usual Planting Dates	Usual Harvesting Dates			Principal Producing Agricultural Statistics Districts*
			Begin	Most Active	End	
Corn:						
Grain	510,000	Apr. 5-June 5	Sep. 1	Sep. 20-Oct. 20	Dec. 1	statewide
Silage	100,000	Apr. 5-June 5	Aug. 1	Aug. 20-Sept. 20	Oct. 20	statewide
Cotton	515,000	Apr. 20-June 1	Sep. 20	Oct. 1-Nov. 1	Dec. 1	1, 2
Hay	1,500,000		May 1		Oct. 1	statewide
Sorghum:						
Grain	55,000	May 1-July 1	Sep. 1	Sep. 20-Oct. 20	Dec. 1	1, 2, 3, 4
Silage	3,000	May 1-July 1	Aug. 20	Sep. 1-Sep. 30	Oct. 15	1, 2, 3, 4
Soybeans	1,250,000	May 5-July 5	Oct. 5	Oct. 20-Nov. 20	Dec. 5	1, 2, 3, 4
Tobacco:						
Eastern Dark-Fired (22)	6,600	May 10-June 20	Aug. 10	Aug. 25-Sep. 15	Oct. 1	3, 4
Western Dark-Fired (23)	490	May 10-June 20	Aug. 10	Aug. 25-Sep. 15	Oct. 1	Obion, Henry, Weakley
Burley (31)	46,000	May 10-June 20	Aug. 10	Aug. 20-Sep. 15	Oct. 1	3, 4, 5, 6
One-Sucker (35)	500	May 10-June 20	Aug. 10	Aug. 20-Sep. 15	Oct. 1	2, 3, 4
Wheat, Winter	490,000	Sep. 20-Nov. 30	June 10	June 15-July 1	July 5	statewide
Vegetable Crops:						
Processing						
Snap Beans	5,000	May 1-July 31	June 25	July 1-Sep. 30	Oct. 5	Cumberland Plateau
Fresh Market						
Tomatoes	4,300	Apr. 20-May 25	June 25	July 1-Aug. 31	Oct. 15	1, 5, 6
Fruit:						
Apples						
East			July 15	Sep. 1-Oct. 10	Oct. 20	5, 6
Middle, West			July 1	Aug. 20-Sep. 30	Oct. 5	1, 2, 3, 4
Peaches			June 20	July 1-Aug. 10	Aug. 15	statewide

* See State Map

1991 TILLAGE SYSTEMS

TILLAGE PRACTICES USED: BY CROP, TENNESSEE, 1983-1991

Crop	Year	Total Acres Planted	No-Till[1]		Other Conservation Tillage[2]		Conventional Till[3]		Double-Cropped[4]	
			Acres	% of Total[5]	Acres	% of Total[5]	Acres	% of Total[5]	Acres	% of Total[5]
Soybeans	1983	2,020,000	330,000	16.3	360,000	17.8	1,330,000	65.8	570,000	28.2
	1984	1,900,000	370,000	19.5	210,000	11.1	1,320,000	69.5	490,000	25.8
	1985	1,500,000	240,000	16.0	140,000	9.3	1,120,000	74.7	230,000	15.3
	1986	1,470,000	180,000	12.2	140,000	9.5	1,150,000	78.2	280,000	19.0
	1987	1,300,000	140,000	10.8	120,000	9.2	1,040,000	80.0	290,000	22.3
	1988	1,300,000	200,000	15.4	120,000	9.2	980,000	75.4	340,000	26.2
	1989	1,300,000	260,000	20.0	200,000	15.4	840,000	64.6	370,000	28.5
	1990	1,300,000	300,000	23.1	290,000	22.3	710,000	54.6	450,000	34.6
	1991	**1,100,000**	**280,000**	**25.5**	**270,000**	**24.5**	**550,000**	**50.0**	**320,000**	**29.1**
Corn	1983	650,000	90,000	13.8	130,000	20.0	430,000	66.2	40,000	6.2
	1984	850,000	191,000	22.5	126,000	14.8	533,000	62.7	52,000	6.1
	1985	950,000	120,000	12.6	160,000	16.8	670,000	70.5	60,000	6.3
	1986	910,000	100,000	11.0	100,000	11.0	710,000	78.0	40,000	4.4
	1987	730,000	75,000	10.3	80,000	11.0	575,000	78.8	30,000	4.1
	1988	680,000	70,000	10.3	70,000	10.3	540,000	79.4	40,000	5.9
	1989	650,000	60,000	9.2	95,000	14.6	495,000	76.2	45,000	6.9
	1990	620,000	85,000	13.7	150,000	24.2	385,000	62.1	45,000	7.3
	1991	**620,000**	**135,000**	**21.8**	**135,000**	**21.8**	**350,000**	**56.5**	**40,000**	**6.5**
Sorghum	1983	110,000	9,400	8.5	24,900	22.6	75,700	68.8	8,800	8.0
	1984	280,000	36,500	13.0	35,200	12.6	208,300	74.4	18,700	6.7
	1985	480,000	25,000	5.2	50,000	10.4	405,000	84.4	15,000	3.1
	1986	180,000	10,000	5.6	30,000	16.7	140,000	77.8	10,000	5.6
	1987	70,000	5,000	7.1	17,000	24.3	48,000	68.6	3,000	4.3
	1988	45,000	4,000	8.9	4,000	8.9	37,000	82.2	3,000	6.7
	1989	35,000	3,500	10.0	3,000	8.6	28,500	81.4	3,000	8.6
	1990	60,000	4,500	7.5	10,000	16.7	45,500	75.8	4,500	7.5
	1991	**75,000**	**6,000**	**8.0**	**15,000**	**20.0**	**54,000**	**72.0**	**6,000**	**8.0**
Total	1983	2,780,000	429,400	15.4	514,900	18.5	1,835,700	66.0	6180,800	22.3
	1984	3,030,000	597,500	19.7	371,200	12.3	2,061,300	68.0	560,700	18.5
	1985	2,930,000	385,000	13.1	350,000	11.9	2,195,000	74.9	305,000	10.4
	1986	2,560,000	290,000	11.3	270,000	10.5	2,000,000	78.1	330,000	12.9
	1987	2,100,000	220,000	10.5	217,000	10.3	1,663,000	79.2	323,000	15.4
	1988	2,025,000	274,000	13.5	194,000	9.6	1,557,000	76.9	383,000	18.9
	1989	1,985,000	323,500	16.3	298,000	15.0	1,363,500	68.7	418,000	21.1
	1990	1,980,000	389,500	19.7	450,000	22.7	1,140,500	57.6	499,500	25.2
	1991	**1,795,000**	**421,000**	**23.5**	**420,000**	**23.4**	**954,000**	**53.1**	**366,000**	**20.4**

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[1] No-Till - A procedure whereby a crop is planted directly into a seedbed not tilled since harvest of a previous crop, or the planting of a crop into sod, previous crop stubble, or a cover where only the intermediate seed zone is disturbed.

[2] Other Conservation Tillage - Tillage practices prior to planting which result in a minimum of 30 percent ground cover or residue being retained on the surface following planting. Grass and weed control is accomplished primarily with herbicides. Includes ridge till, strip till, and mulch till.

[3] Conventional Till - Systems where 100 percent of the surface layer is mixed or inverted by plowing, power tilling, or multiple disking.

[4] Double-Cropped - Two crops harvested from the same field during one year. Example: small grain harvest spring 1991, followed by soybeans, corn or sorghum in the fall of 1991.

[5] Sum of no-till, other conservation tillage and conventional till percents of total may not add to 100 percent due to rounding.

SOYBEAN: DISTRICT ESTIMATES BY TILLAGE PRACTICE, 1990 AND 1991

Year	District	Total Acres Planted	No-Till		Other Conservation Tillage		Conventional Till	
			Acres	% of Total	Acres	% of Total	Acres	% of Total
1990	10	570,000	102,000	17.9	125,000	21.9	343,000	60.2
	20	460,000	100,000	21.7	118,000	25.7	242,000	52.6
	30	83,000	26,500	31.9	12,000	14.5	44,500	53.6
	40	98,000	40,000	40.8	21,500	21.9	36,500	37.2
	50	67,000	23,000	34.3	9,500	14.2	34,500	51.5
	60	22,000	8,500	38.6	4,000	18.2	9,500	43.2
State		1,300,000	300,000	23.1	290,000	22.3	710,000	54.6
1991	10	450,000	86,000	19.1	120,000	26.7	244,000	54.2
	20	395,000	98,000	21.7	100,000	25.7	197,000	52.6
	30	88,000	29,500	31.9	13,000	14.5	46,000	53.6
	40	95,000	40,000	40.8	23,000	21.9	32,000	37.2
	50	50,000	18,500	34.3	9,500	14.2	22,000	51.5
	60	22,000	8,500	38.6	4,500	18.2	9,000	43.2
State		1,100,000	280,000	25.5	270,000	24.5	550,000	50.0

CORN: DISTRICT ESTIMATES BY TILLAGE PRACTICE, 1990 AND 1991

Year	District	Total Acres Planted	No-Till		Other Conservation Tillage		Conventional Till	
			Acres	% of Total	Acres	% of Total	Acres	% of Total
1990	10	89,000	9,500	10.7	24,000	27.0	55,500	62.4
	20	220,000	28,000	12.7	52,000	23.6	140,000	63.6
	30	73,000	9,500	13.0	14,500	19.9	49,000	67.1
	40	90,000	10,500	11.7	26,000	28.9	53,500	59.4
	50	72,000	10,000	13.9	12,500	17.4	49,500	68.8
	60	76,000	17,500	23.0	21,000	27.6	37,500	49.3
State		620,000	85,000	13.7	150,000	24.2	385,000	62.1
1991	10	100,000	17,000	17.0	23,000	23.0	60,000	60.0
	20	225,000	49,000	21.8	46,000	20.4	130,000	57.8
	30	75,000	15,000	20.0	11,500	15.3	48,500	64.7
	40	85,000	17,000	20.0	24,000	28.2	44,000	51.8
	50	65,000	15,500	23.8	11,000	16.9	38,500	59.2
	60	70,000	21,500	30.7	19,500	27.9	29,000	41.4
State		620,000	135,000	21.8	135,000	21.8	350,000	56.5

SORGHUM: DISTRICT ESTIMATES BY TILLAGE PRACTICE, 1990 AND 1991

Year	District	Total Acres Planted	No-Till		Other Conservation Tillage		Conventional Till	
			Acres	% of Total	Acres	% of Total	Acres	% of Total
1990	10	21,300	1,700	8.0	3,500	16.4	16,100	75.6
	30	30,500	1,100	3.6	4,600	15.1	24,800	81.3
	30	1,500	400	26.7	300	20.0	800	53.3
	40	3,400	700	20.6	700	20.6	2,000	58.8
	50	1,300	300	23.1	300	23.1	700	53.8
	60	2,000	300	15.0	600	30.0	1,100	55.0
State		60,000	4,500	7.5	10,000	16.7	45,500	75.8
1991	10	24,600	2,000	8.1	5,900	24.0	16,700	67.9
	20	39,500	1,700	4.3	6,300	15.9	31,500	79.7
	30	2,300	600	26.1	300	13.0	1,400	60.9
	40	4,400	900	20.5	1,000	22.7	2,500	56.8
	50	1,500	400	26.7	500	33.3	600	40.0
	60	2,700	400	14.8	1,000	37.0	1,300	48.1
State		75,000	6,000	8.0	15,000	20.0	54,000	72.0

PRICES PAID BY FARMERS FOR SELECTED FEEDS: APPALACHIAN REGION[1], 1987-1991

Year	Jan.	Apr.	July	Oct.
Dollars Per Cwt.				
BRAN				
1987	8.80	9.30	8.80	9.10
1988	9.30	9.40	10.00	10.30
1989	10.50	10.60	10.80	10.50
1990	10.80	11.30	11.10	10.40
1991	10.90	11.20		
MIDDLINGS				
1987	7.90	7.20	7.70	7.30
1988	8.30	7.80	9.70	9.20
1989	9.40	9.50	8.30	7.90
1990	8.90	8.80	8.90	9.10
1991	9.10	9.00		
COTTONSEED MEAL (41% PROTEIN)				
1987	12.90	12.30	13.30	13.40
1988	14.50	14.40	16.20	16.30
1989	16.00	15.70	15.30	11.80
1990	15.20	14.90	14.60	14.40
1991	14.50	14.00		
SOYBEAN MEAL (44% PROTEIN)				
1987	11.50	11.30	12.70	12.70
1988	14.00	13.70	18.80	17.80
1989	17.60	16.60	15.40	13.70
1990	13.80	13.00	13.90	13.20
1991	12.50	12.90		
Dollars Per Ton				
HOG FEED (14-18% PROTEIN)				
1987	192	184	192	188
1988	212	205	247	243
1989	238	231	228	222
1990	220	219	228	223
1991	221	220		
DAIRY FEED (16% PROTEIN)				
1987	155	158	155	158
1988	172	169	203	202
1989	197	196	186	182
1990	191	192	191	181
1991	181	185		
LAYING FEED				
1987	165	175	186	167
1988	183	174	217	214
1989	215	203	198	219
1990	188	192	200	187
1991	185	187		

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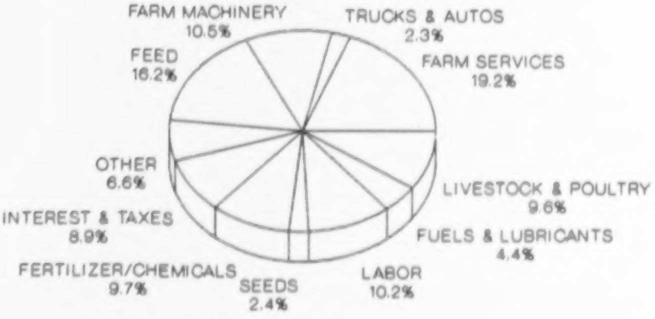
[1] Appalachian Region includes Tennessee, Kentucky, North Carolina, Virginia and West Virginia.

PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION: 1987-1990

Commodity and Unit	1987	1988	1989	1990
	Annual Average Price [1] Dollars			
EAST SOUTH CENTRAL REGION [2]				
FERTILIZER AND PESTICIDE MATERIALS:				
Commercial Fertilizer, per ton				
5-10-15	148.00	163.00	162.00	162.00
5-20-20	157.00	176.00	179.00	170.00
6-12-12	137.00	146.00	152.00	150.00
10-10-10	125.00	140.00	145.00	136.00
Superphosphate, 44-46% P_2O_5 per ton	195.00	224.00	219.00	201.00
Nitrate of Soda, per ton	213.00	225.00	221.00	228.00
Ammonium Nitrate, per ton	155.00	171.00	185.00	184.00
Urea, 44-46% N, per ton	154.00	183.00	189.00	190.00
Muriate of Potash, 60% K_2O, per ton	135.00	173.00	171.00	168.00
Limestone, spread on field, per ton	16.40	16.30	16.40	19.40

1/ Annual average prices are straight rather than weighted averages. 2/ Includes Tennessee, Kentucky, Louisiana, Mississippi, and Alabama. Individual State estimates are not published.

FARM PRODUCTION EXPENSES
APPALACHIAN REGION,1990



Region includes: TN, KY, NC, VA, & WV

CROP PRODUCTION COSTS PER PLANTED ACRE, SOUTHEAST, 1989

Cotton[1]		Corn	
Item	Dollars	Item	Dollars
Gross Value (excl.direct Gov't payments)		Gross Value (excl.direct Gov't payments)	
Primary Crop	417.79	Primary Crop	246.18
Secondary Crop	52.44	Total	246.18
Total	469.93		
		Cash Expenses:	
Cash Expenses:		Seed	21.41
Seed	7.91	Fertilizer	52.48
Fertilizer	37.51	Lime and Gypsum	3.24
Chemicals	74.49	Chemicals	23.08
Custom Operations	12.32	Custom Operations	6.24
Fuel, Lube, and Electricity	26.64	Fuel, Lube, and Electricity	10.58
Repairs	27.18	Repairs	11.88
Hired Labor	42.83	Hired Labor	10.15
Ginning	50.34	Drying	4.66
Technical Services	0.68	Technical Services	0.08
Total, Variable Cash Expenses	279.90	Total, Variable Cash Expenses	143.80
General Farm Overhead	21.02	General Farm Overhead	7.27
Taxes and Insurance	14.74	Taxes and Insurance	9.50
Interest on Operating Loans	14.61	Interest on Operating Loans	2.05
Interest on Real Estate	15.70	Interest on Real Estate	6.20
Total, Fixed Cash Expenses	66.07	Total, Fixed Cash Expenses	25.02
Total, Cash Expenses	345.97	Total, Cash Expenses	168.82
Gross Value Less Cash Expenses (excl. direct Gov't payments)	123.96	Gross Value Less Cash Expenses (excl. direct Gov't payments)	77.36
Capital Replacement	67.09	Capital Replacements	28.39
Gross Value Less Cash Expenses and Replacement (excl. direct Gov't payments)	56.87	Gross Value Less Cash Expenses and Replacement (excl. direct Gov't payments)	48.97
Economic (Full Ownership) costs:		Economic (Full Ownership) costs:	
Variable Cash Expenses	279.90	Variable Cash Expenses	143.80
General Farm Overhead	21.02	General Farm Overhead	7.27
Taxes and Insurance	14.74	Taxes and Insurance	9.50
Capital Replacement	67.09	Capital Replacement	28.39
Allocated Returns to Owned Inputs:		Allocated Returns to Owned Inputs:	
Return to Operating Capital	8.54	Return to Operating Capital	4.34
Return to Other Nonland Capital	15.94	Return to Other Nonland Capital	6.94
Net Land Rent	91.92	Net Land Return	45.55
Unpaid Labor	21.90	Unpaid Labor	21.30
Total, Economic Costs	521.05	Total, Economic Costs	267.09
Residual Returns to Management and Risk (excl. direct Gov't payments)	-51.12	Residual Returns to Management and Risk (excl. direct Gov't payments	-20.91
Harvest-Period Price (Dollars/Lb.)	0.64	Harvest-Period Price (Dollars/Bu.)	2.44
Yield (Lbs./Planted Acre)	649.61	Yield (Bu./Planted Acre)	101.08

[1] Delta region which includes Tennessee.

Source: "Costs of Production - Major Field Crops, 1989", USDA, Economic Research Service, March 1991.

CROP PRODUCTION COSTS PER PLANTED ACRE, SOUTHEAST, 1989

Soybeans	
Item	**Dollars**
Gross Value (excl. direct Gov't payments)	
Primary Crop	144.80
Total	144.80
Cash Expenses	
Seed	11.91
Fertilizer	13.75
Lime and Gypsum	1.77
Chemicals	14.34
Custom Operations	6.77
Fuel. Lube, and Electricity	9.91
Repairs	10.04
Hired Labor	3.35
Total, Variable Cash Expenses	71.83
General Farm Overhead	12.23
Taxes and Insurance	7.53
Interest on Operating Loans	4.95
Interest on Real Estate	6.74
Total, Fixed Cash Expenses	31.45
Total, Cash Expenses	103.28
Gross Value Less Cash Expenses (excl. direct Gov't payments)	41.52
Capital Replacement	29.78
Gross Value Less Cash Expenses and Replacement (excl. direct Gov't payments)	11.74
Economic (Full Ownership) Costs:	
Variable Cash Expenses	71.83
General Farm Overhead	12.23
Taxes and Insurance	7.53
Capital Replacement	29.78
Allocated Returns to Owned Inputs:	
Return to Operating Capital	2.43
Return to Other Nonland Capital	6.24
Net Land Return	26.70
Unpaid Labor	12.59
Total, Economic Costs	169.33
Residual Returns to Management and Risk (excl. direct Gov't payments)	-24.53
Harvest-Period Price (Dollars/Bu.)	5.68
Yield (Bu./Planted Acre)	25.48

Soft Red Winter Wheat	
Item	**Dollars**
Gross Value (excl. direct Gov't payments)	
Primary Crop	124.60
Secondary Crop	1.58
Total	126.18
Cash Expenses:	
Seed	12.18
Fertilizer	34.83
Lime and Gypsum	0.94
Chemicals	1.90
Custom Operations	3.19
Fuel, Lube, and Electricity	6.34
Repairs	6.97
Hired Labor	2.92
Technical Services	0.01
Total, Variable Cash Expenses	69.28
General Farm Overhead	9.11
Taxes and Insurance	8.43
Interest on Operating Loans	4.17
Interest on Real Estate	5.40
Total, Fixed Cash Expenses	27.11
Total, Cash Expenses	96.39
Gross Value Less Cash Expenses (excl. direct Gov't payments)	29.79
Capital Replacement	22.77
Gross Value Less Expenses and Replacement (excl. direct Gov't payments)	7.02
Economic (Full Ownership) Costs	
Variable Cash Expenses	69.28
General Farm Overhead	9.11
Taxes and Insurance	8.43
Capital Replacement	22.77
Allocated Returns to Owned Inputs:	
Return to Operating Capital	3.31
Return to Other Nonland Capital	4.80
Net Land Return	26.80
Unpaid Labor	6.49
Total, Economic Costs	150.99
Residual Returns to Management and Risk (excl. direct Gov't payments)	-24.81
Harvest-Period Price (Dollars/Bu.)	3.67
Yield (Bu./Planted Acre)	33.97

Source: "Costs of Production - Major Field Crops, 1989", USDA, Economic Research Service, March 1991.

MEASURED ROW SPACING OF SOYBEANS: PERCENTAGE DISTRIBUTION AND AVERAGE WIDTH, TENNESSEE 1980-1990[1]

Year	Number of Samples	Row Width Groups (Inches)					Average Width[2]
		10.0 & Less[2]	10.1-18.5	18.6-28.5	28.6-34.5	34.6 & Greater	
		Percent of Plots					Inches
1980	82	16.5	5.5	9.1	12.8	56.1	31.9
1981	79	18.4	10.1	11.4	10.8	49.3	30.0
1982	75	26.0	6.0	14.0	12.7	41.3	28.3
1983	83	21.7	12.7	7.2	27.1	31.3	28.6
1984	85	10.0	6.5	15.9	13.5	54.1	31.8
1985	85	15.3	6.5	8.8	21.8	47.6	31.6
1986	78	12.8	8.3	18.6	18.0	42.3	29.4
1987	90	10.1	10.6	18.4	12.9	48.0	29.3
1988	85	11.3	14.9	19.1	9.5	45.2	28.3
1989	86	9.9	13.9	18.6	15.7	41.9	28.3
1990[3]	---	---	---	---	---	---	---

[1] Based on row measurements in plots selected for objective yield samples.

[2] Broadcast soybeans included as 10.0 inches and less but excluded in computation of average width.

[3] Discontinued.

FERTILIZER USAGE: SOYBEANS AND COTTON, TENNESSEE, 1980-1990

Year	Acres Harvested	Fields in Survey	Acres Receiving				Rate Per Acre Receiving[1]			Acres Fertilized[2]		
			Any Fert.	N	P_2O_5	K_2O	N	P_2O_5	K_2O	At or Before Seeding Only	After Seeding Only	At or Before & After Seeding
	Thousands	Number	Percent				Pounds			Percent		
						Cotton						
1980	275	100	100.0	100.0	94.0	94.0	73.3	64.1	74.2	75.0	1.0	24.0
1981[3]	305	---	---	---	---	---	---	---	---	---	---	---
1982	255	99	97.0	97.0	97.0	97.0	67.1	62.3	68.1	77.1	0	22.9
1983	215	99	100.0	100.0	100.0	100.0	91.0	65.0	71.0	58.0	0	42.0
1984	325	97	100.0	100.0	100.0	100.0	82.0	62.0	68.0	67.0	0	33.0
1985	335	100	100.0	99.0	97.0	94.0	78.0	61.0	67.0	82.0	5.0	13.0
1986	335	99	100.0	100.0	100.0	100.0	75.0	65.0	71.0	68.0	0	32.0
1987[3]	---	---	---	---	---	---	---	---	---	---	---	---
1988[3]	---	---	---	---	---	---	---	---	---	---	---	---
1989[3]	---	---	---	---	---	---	---	---	---	---	---	---
1990[3]	---	---	---	---	---	---	---	---	---	---	---	---
						Soybeans						
1980	2,550	82	74.4	51.2	73.2	73.2	15.6	45.0	58.0	98.4	1.6	0
1981	2,350	79	69.6	43.0	65.8	69.6	14.0	41.9	59.6	98.2	1.8	0
1982	2,300	75	62.7	33.3	62.7	62.7	14.2	42.7	55.3	95.7	4.3	0
1983	1,970	85	67.0	38.0	65.0	67.0	20.0	48.0	60.0	100.0	0	0
1984	1,850	89	64.0	40.0	61.0	63.0	16.0	43.0	60.0	94.0	4.0	2.0
1985	1,460	87	66.0	33.0	59.0	66.0	19.0	45.0	63.0	100.0	0	0
1986	1,420	81	48.0	22.0	47.0	48.0	18.0	44.0	57.0	100.0	0	0
1987	1,250	96	49.0	20.0	43.0	48.0	20.0	53.0	66.0	100.0	0	0
1988	1,400	94	57.0	30.0	52.0	55.0	34.0	44.0	61.0	98.0	2.0	0
1989	1,480	88	52.0	22.0	45.0	51.0	21.0	43.0	61.0	100.0	0	0
1990	1,300	131	51.0	35.0	50.0	51.0	30.0	42.0	56.0	93.0	7.0	0

[1] P_2O_5 is converted to P by multiplying by .43642; K_2O is converted to K by multiplying by .83016. [2] Percentages apply to acres receiving fertilizer, not to total acres harvested. [3] Discontinued.

FERTILIZER CONSUMPTION: TENNESSEE, 1946-1990

Year	Mixtures	Direct Application Materials	Total Fertilizer
	Tons	Tons	Tons
1946	223,896	188,271	412,167
1947	275,280	142,842	418,122
1948	343,894	156,380	500,274
1949	353,585	145,463	499,048
1950	340,553	165,785	506,338
1951	389,069	159,236	548,305
1952	443,327	159,533	602,860
1953	417,609	162,302	579,911
1954	395,132	128,962	524,094
1955	409,546	122,265	531,811
1956	410,208	105,931	516,139
1957	423,602	121,511	545,113
1958	410,013	103,472	513,485
1959	476,761	124,440	601,201
1960	490,631	133,408	624,039
1961	470,113	154,744	624,857
1962	487,523	154,829	642,352
1963	496,617	162,957	659,574
1964	531,835	164,979	696,814
1965	542,094	134,988	677,082
1966	615,165	181,368	796,533
1967	615,693	206,101	821,794
1968	610,506	162,409	772,915
1969	623,385	202,016	825,401
1970	534,450	215,997	750,447
1971	516,897	229,075	745,972
1972	508,539	227,596	736,135
1973	505,645	260,846	766,491
1974	524,490	291,560	816,050
1975	420,406	271,230	691,636
1976	440,466	301,734	742,200
1977	497,970	361,097	859,067
1978	449,873	348,101	797,974
1979	435,262	346,292	781,554
1980	410,396	365,273	775,669
1981	431,764	454,371	886,135
1982	304,293	407,155	711,448
1983	278,360	390,177	668,537
1984	321,829	399,226	721,055
1985	313,598	423,635	737,233
1986	231,599	423,250	654,849
1987	154,787	632,551	787,338
1988	344,288	461,450	805,738
1989	291,782	468,623	760,405
1990	**297,064**	**471,011**	**768,075**

SOURCE: Annual Fertilizer Tonnage Report, Tennessee Department of Agriculture, Division of Marketing.

FOREST PRODUCTS SUMMARY

Tennessee's forests produced timber to manufacture 794,000,000 board feet of hardwood lumber and 90,000,000 board feet of softwood lumber during 1990. This level of production continues to place Tennessee at the top among hardwood lumber producing States.

The 1989 forest survey indicates that almost 50 percent of the total land area in Tennessee is forested, approximately 13,603,000 acres. Farmers own 3,848,900 acres which is second only to individual ownership which accounts for 5,582,000 acres.

In 1990 the ten leading counties in timber volume and lumber production are as follows:

Growing Stock Volume	Million Cu. Ft.
Scott	490.1
Cumberland	418.2
Morgan	368.7
Fentress	363.5
Campbell	354.0
Hickman	345.6
Wayne	334.0
Polk	327.1
Hardeman	297.7
Overton	291.3

Lumber Production	Million Bd. Ft.
White	48.4
Macon	43.7
Henry	42.6
Overton	36.6
Putman	36.2
Montgomery	26.4
McNairy	24.6
Monroe	24.4
Dickson	24.2
Wayne	22.5

SELECTED TENNESSEE FOREST STATISTICS, 1948-1989

Year	Commercial Forest Acrage	Sawtimber Volume (All Species) (Million Bd. Ft.)	Growing Stock Volume (All Species) (Million Cu. Ft.)	Net Annual Growth of Growing Stock (All Species) (Million Cu. Ft.)	Annual Removal of Growing Stock (Million Cu. Ft.)	Annual Growth to Removal Ratio	Number of Active Sawmills
1948-50	12,353,800	16,240.0	5,728.5	285.5	252.3	1.1:1	2789
1961	13,432,400	20,081.8	7,209.4	322.1	207.7	1.5:1	1135
1971	12,819,800	26,640.2	10,395.8	509.1	216.4	2.3:1	546
1980	12,879,000	38,897.3	12,805.2	511.4	213.7	2.4:1	718
1989	13,265,200	53,613.6	16,682.7	637.4	219.4	2.9:1	597

STATEWIDE TIMBER HARVEST AND AVERAGE STUMPAGE PRICES, 1983-1990

	Hdwd. Sawlogs		Sftwd. Sawlogs		Hdwd. Pulpwood		Sftwd. Pulpwood	
Year	Volume[1]	Avg. Price[2]	Volume[1]	Avg. Price[2]	Volume[3]	Avg. Price[4]	Volume[3]	Avg. Price[4]
1983	590,216,000	$100.00	75,064,000	$65.00	417,293	$2.25	405,449	$ 3.00
1984	620,216,000	100.00	80,079,000	70.0	509,264	2.25	506,429	6.00
1985	584,677,000	92.50	101,079,000	58.00	570,729	2.50	490,206	8.00
1986	571,500,000	100.00	93,425,000	61.00	412,700	2.25	1,116,520	8.40
1987	558,551,000	120.00	87,985,000	62.00	278,528	2.25	1,496,766	8.90
1988	644,987,000	130.00	103,772,000	70.00	355,638	3.00	1,551,149	9.00
1989	692,006,000	114.00	124,882,000	69.00	186,845	4.25	1,525,551	10.81
1990	635,099,000	118.00	72,089,000	77.00	221,203	4.63	429,178	9.50

[1] Board feet, Doyle Rule.

[2] Price per 1,000 board feet, Doyle Rule.

[3] Standard cords.

[4] Price per standard cord.

STATEWIDE INCOME FROM SALE OF STANDING TIMBER, 1983-1990

Year	Hdwd. Sawtimber	Sftwd. Sawtimber	Hdwd. Pulpwood	Sftwd. Pulpwood	Total Sales
1983	$59,021,600	$4,879,160	$ 938,909	$ 1,216,347	$ 66,056,016
1984	62,021,600	5,605,530	1,145,844	3,038,574	71,811,548
1985	54,082,622	5,862,582	1,426,822	3,921,648	65,293,674
1986	57,150,000	5,698,925	928,575	9,378,768	73,156,268
1987	67,026,120	5,455,070	626,688	13,321,217	86,429,095
1988	83,848,310	7,264,040	1,066,914	13,960,341	106,139,605
1989	78,888,684	8,616,858	794,091	16,491,206	104,790,839
1990	74,941,682	5,550,853	1,024,170	8,827,191	90,343,896

AREA OF TIMBERLAND BY COUNTY AND OWNERSHIP CLASS, TENNESSEE COUNTIES, 1989

County	All Owners	Nat'l Forests	Misc. Federal	State	County & City	Forest Industry[1]	Farmer	Corporate	Individual
						Thousand Acres			
Anderson	124.0	---	6.5	---	---	---	26.1	71.8	19.6
Bedford	74.6	---	---	---	---	5.3	32.0	---	37.3
Benton	172.7	---	19.2	---	---	12.8	38.4	6.4	95.9
Bledsoe	186.3	---	---	17.5	---	34.9	34.9	34.9	64.0
Blount	69.9	---	---	---	---	9.1	27.4	3.0	30.4
Bradley	95.2	---	---	---	---	15.4	15.4	---	61.7
Campbell	250.2	---	11.6	29.1	5.8	5.8	40.7	110.6	46.6
Cannon	88.5	---	---	---	---	---	41.6	---	46.8
Carroll	169.1	---	5.8	11.7	---	11.7	23.3	---	116.6
Carter	155.5	78.1	---	---	---	---	17.2	---	60.2
Cheatam	118.2	---	---	23.6	---	---	17.7	11.8	65.0
Chester	99.4	---	---	9.9	---	19.9	29.8	5.0	34.8
Claiborne	167.5	---	---	---	---	---	87.4	51.0	29.1
Clay	105.1	---	---	---	---	---	72.8	---	32.3
Cocke	163.4	44.3	---	---	---	5.7	56.7	---	56.7
Coffee	114.2	---	10.4	---	---	---	51.9	15.6	36.3
Crockett	15.1	---	---	---	---	---	7.6	---	7.6
Cumberland	320.3	---	---	52.4	5.8	46.6	29.1	46.6	139.8
Davidson	108.1	---	6.4	---	6.4	---	12.7	6.4	76.3
Decatur	134.8	---	5.4	5.4	---	---	43.1	16.2	64.7
DeKalb	114.2	---	11.4	---	---	---	28.5	---	74.2
Dickson	174.3	---	---	---	---	---	114.2	12.0	48.1
Dyer	40.4	---	---	10.1	---	10.1	10.1	10.1	---
Fayette	152.0	---	---	---	---	---	86.9	32.6	32.6
Fentress	244.1	---	5.8	11.6	---	87.2	23.2	40.7	75.5
Franklin	183.0	---	17.2	5.7	---	---	11.4	28.6	120.1
Gibson	36.4	---	---	---	---	---	36.4	---	---
Giles	171.8	---	---	---	---	9.8	103.1	---	58.9
Grainger	102.6	---	---	---	---	---	59.4	5.4	37.8
Greene	171.8	29.6	---	---	---	---	74.0	5.7	62.6
Grundy	165.9	---	5.7	---	---	34.3	11.4	28.6	85.8
Hamblen	32.8	---	---	---	---	---	24.6	---	8.2
Hamilton	210.7	---	19.7	6.6	---	13.2	32.9	19.7	118.5
Hancock	92.9	---	---	---	---	---	81.3	---	11.6
Hardeman	247.1	---	---	6.2	---	18.5	98.8	6.2	117.4
Hardin	219.9	---	9.6	---	---	38.2	76.5	14.3	81.3
Hawkins	177.3	---	5.7	---	5.7	5.7	85.8	5.7	68.6
Haywood	71.2	---	---	---	---	17.8	41.5	---	11.9
Henderson	158.4	---	22.6	5.7	---	---	73.6	---	56.6
Henry	176.1	---	13.0	---	---	6.5	45.6	6.5	104.3
Hickman	297.2	---	---	---	---	72.9	89.7	28.0	106.5
Houston	94.2	---	---	---	---	---	21.7	7.2	65.2
Humphreys	241.2	---	---	---	---	6.0	54.3	18.1	162.8
Jackson	135.9	---	---	---	---	---	31.4	---	104.5
Jefferson	62.2	---	---	---	---	---	33.9	11.3	17.0
Johnson	144.4	50.5	---	---	---	---	20.1		
Knox	127.0	---	---	---	---	---	31.7	15.9	79.4
Lake	18.0	---	---	18.0	---	---	---	---	---
Lauderdale	88.8	---	16.2	---	---	24.2	32.3	---	16.2
Lawrence	199.8	---	---	20.7	---	27.6	103.4	6.9	41.3
Lewis	158.0	---	5.9	5.9	---	46.8	23.4	5.9	70.2
Lincoln	136.7	---	---	---	---	---	83.2	---	53.5
Loudon	62.3	---	11.3	---	---	5.7	34.0	---	11.3
McMinn	136.5	2.2	---	---	---	28.0	22.4	---	84.0

AREA OF TIMBERLAND BY COUNTY AND OWNERSHIP CLASS, TENNESSEE COUNTIES, 1989 (Continued)

County	All Owners	Nat'l Forests	Misc. Federal	State	County & City	Forest Industry[1]	Farmer	Corporate	Individual
						Thousand Acres			
McNairy	224.4	---	---	5.8	---	40.3	40.3	---	138.1
Macon	77.0	---	---	---	---	---	56.0	---	21.0
Madison	140.7	---	---	6.1	---	---	36.7	6.1	91.7
Marion	251.7	---	---	18.0	---	30.0	12.0	36.0	155.8
Marshall	89.6	---	---	---	---	---	69.7	5.0	14.9
Maury	133.0	---	---	---	6.7	---	53.2	13.3	59.9
Meigs	82.9	---	---	5.9	---	11.8	23.7	---	41.5
Monroe	279.0	121.3	15.0	---	---	7.5	45.1	15.0	75.1
Montgomery	136.9	---	31.1	---	---	6.2	24.9	---	74.7
Moore	36.6	---	---	---	---	---	20.9	5.2	10.5
Morgan	276.2	---	5.6	28.2	---	5.6	16.9	50.7	169.1
Obion	67.6	---	6.1	6.1	---	12.3	24.6	---	18.4
Overton	170.4	---	6.8	13.6	---	---	61.3	13.6	75.0
Perry	223.6	---	5.7	---	---	63.1	68.8	22.9	63.1
Pickett	68.4	---	13.7	6.8	---	---	13.7	6.8	27.4
Polk	214.1	136.6	---	---	---	---	29.8	17.9	29.8
Putnam	152.3	---	5.4	---	---	---	27.2	38.1	81.6
Rhea	126.4	---	5.5	---	5.5	44.0	27.5	---	44.0
Roane	153.1	---	26.4	5.3	---	---	21.1	10.6	89.7
Robertson	53.0	---	---	---	---	---	37.9	7.6	7.6
Rutherford	155.7	---	5.6	5.6	5.6	---	44.5	5.6	88.9
Scott	300.3	---	49.1	5.5	---	10.9	60.1	92.8	81.9
Sequatchie	137.3	---	---	---	---	22.9	---	5.7	108.7
Sevier	127.5	---	---	---	---	---	33.0	4.7	89.7
Shelby	111.6	---	---	19.7	13.1	---	26.3	---	52.5
Smith	81.0	---	---	---	---	---	67.5	---	13.5
Stewart	219.7	---	62.8	6.3	---	69.0	25.1	---	56.5
Sullivan	123.6	37.1	4.8	---	4.8	---	28.8	4.8	43.3
Sumner	88.2	---	---	---	---	---	56.7	---	31.5
Tipton	50.9	---	---	---	---	---	43.6	---	7.3
Trousdale	30.0	---	---	---	---	---	---	---	30.0
Unicoi	89.4	43.8	---	12.4	---	---	---	---	33.2
Union	102.5	---	10.8	16.2	---	---	27.0	---	48.6
Van Buren	135.4	---	---	5.4	---	27.1	10.8	65.0	27.1
Warren	93.6	---	---	---	---	---	46.8	15.6	31.2
Washington	50.3	12.4	---	---	---	---	14.2	---	23.7
Wayne	372.6	---	---	---	---	145.3	56.8	31.6	139.0
Weakley	95.9	---	7.4	---	---	---	14.8	7.4	66.4
White	129.4	---	---	---	---	28.1	45.0	5.6	50.6
Williamson	142.0	---	---	---	---	---	78.9	---	63.1
Wilson	97.0	---	---	15.3	---	---	51.0	5.1	25.5
TOTAL	13265.2	556.0	471.4	422.2	59.4	1143.9	3848.9	1181.4	5582.2

[1] Includes land leased to Forest Industry.

Tennessee Department of Agriculture. Authorization No. 325121, 3,500 copies, October, 1991. This public document was promulgated at a cost of $4.22 per copy.

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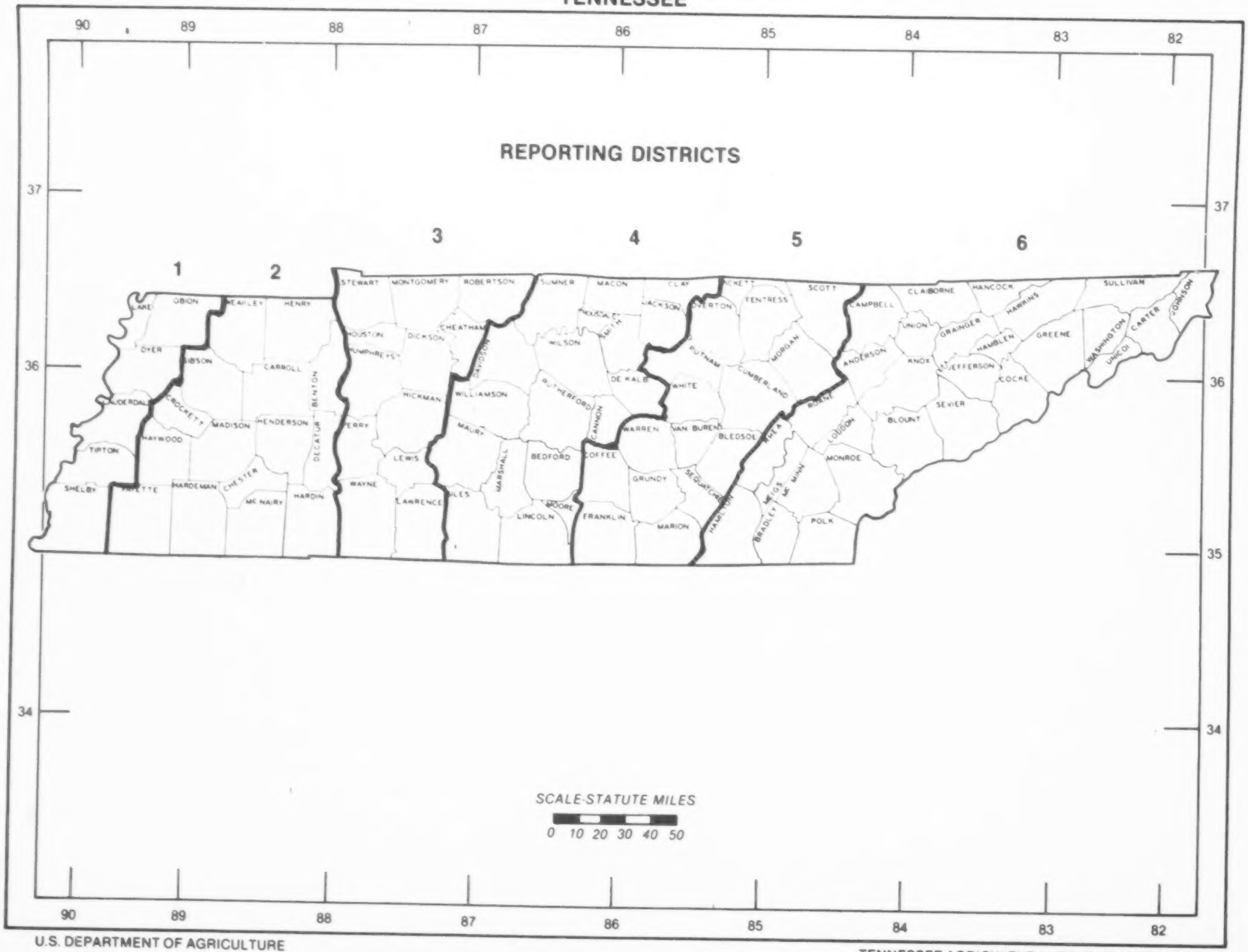
TENNESSEE



REPORTING DISTRICTS

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U.S. DEPARTMENT OF AGRICULTURE

TENNESSEE AGRICULTURAL STATISTICS SERVICE

TDA

We're in a State of Growth

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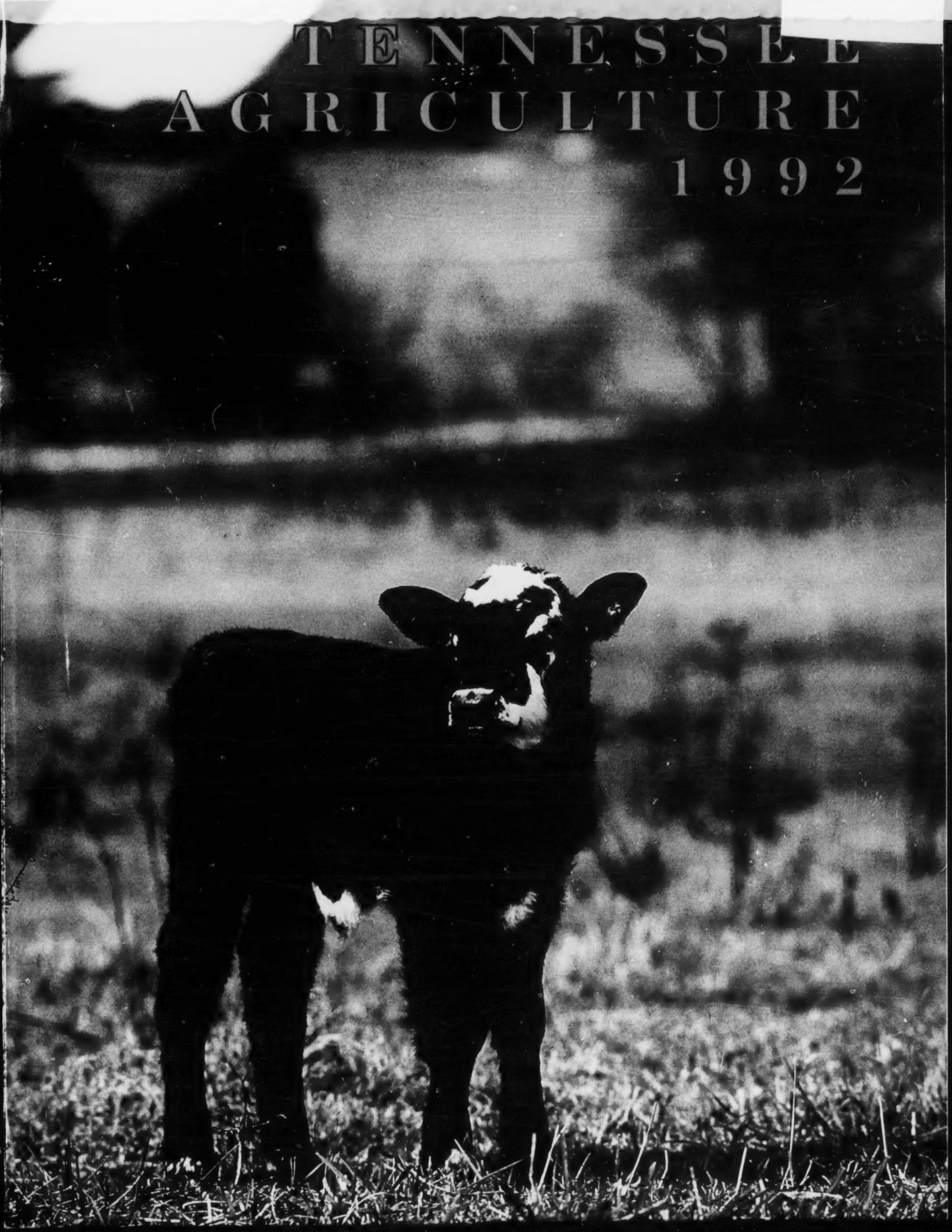
TENNESSEE AGRICULTURE 1992



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Statistic pages printed in soy ink.

ABOUT THE COVER

Tennessee cattle are the state's number one agricultural enterprise in value of production, bringing in a record high of $456 million for cattle and calves in 1991. Cattle and calves account for 24.4 percent of Tennessee's cash receipts from farm marketings. Numbers for cattle and calves are up. At 2.3 million head on January 1, 1992, Tennessee is seeing the first such increase since 1984. Near record high prices for cattle and record high prices for calves certainly contributed to this important industry's popularity. The calf on the cover is one of the newest members of a herd owned by Thermon Harrison with his son Keith Harrison, assistant director for TDA's marketing division.

The back cover features three crops which regularly rank as top Tennessee crops. Tobacco was Tennessee's number one crop in 1991, bringing a record $223 million to the state. Cotton also logged a record 701,000 bales valued at $181 million; cottonseed was valued at $17 million for a total of $198 million. The value of Tennessee hay reaches far beyond the amount of hay actually sold because most of it is fed on the producing farm to cattle and equine. This important number 4 crop was valued at $166 million for 1991.

The cover photo was taken by Murray Lee, State Photo Services.
Back cover photos were taken by Murray Lee and Jed DeKalb, State Photo Services.

Artwork was provided by Bob Hinkel and Richard Martin, Graphic Arts Division, State of Tennessee.

A WORD FROM THE GOVERNOR

When I took office, I set in motion directives to ensure that Tennessee's agriculture would remain strong, diversified and progressive. It was important to me that the Tennessee Department of Agriculture focus its resources on areas with the greatest promise and potential service for the state. The implementation of these programs took time, research and the talent and dedication of agricultural leaders across the state. It is gratifying to see these programs producing results for Tennessee farmers today.

Produce farming needed to be made more profitable for Tennessee farmers. I am proud to have helped meet this need by directing state dollars into the development of wholesale and retail farmers markets and packing sheds across the state.

As a result of our efforts to efficiently reorganize and restructure state government, TDA laboratories were consolidated into a single division. This has allowed cross training of employees and new standards of quality and service for the divisions and individuals who are their clients.

Other initiatives, including programs to develop aquaculture, the nursery and greenhouse industry and the equine industry continue to make progress with the help of TDA and the outstanding farmers, businessmen, educators, researchers and other support agencies who make up Tennessee's agriculture industry.

Tennesseans cannot doubt the dedication of TDA to all the people of the state when reviewing the goals they have set and met. Only two years after the Kerosene and Motor Fuel Quality Inspection Act was passed, the violation rates have decreased from 20 percent to only 3 percent. The benefit of this state program for every Tennessean is undeniable.

The Tennessee Commodity Indemnity Fund– the fund created to provide compensation for farmers should they suffer losses through a grain warehouse failure– has already proven necessary and effective.

All these accomplishments have been recorded and are updated annually within these pages, and Tennessee Agriculture is itself a testament to the agricultural accomplishments of Tennessee farmers. These facts and figures demonstrate that agriculture has a continuing impact on the state's economy in terms of dollars generated, particularly in rural areas. I invite you to use this publication to better understand the mission, direction and value of Tennessee's most important industry– agriculture.

Sincerely,

Ned McWherter

Ned McWherter
Governor

GOVERNOR
NED RAY McWHERTER

THE COMMISSIONER'S MESSAGE

The future of American agriculture depends on our ability to educate the public on scientific and political issues. Above, Commissioner "Cotton" Ivy looks to the future with two young farmers as they enjoy the world's largest Mule Day in Columbia, Tennessee.

Like smoke upon the wind....

Looking to the future from my past— my, how time flies! Seems like yesterday I was the age of these children— running barefoot, catching lightning bugs, picking cotton, sleeping in Momma's feather bed on a cold winter night.

I wonder if these children will ever wade in a clear running creek, catch a black perch, smell new mown hay and see a rainbow— all in one day. Will they have the chance to say the FFA creed and show their 4-H pigs at the county fair? Or maybe eat a watermelon from the patch, pick a tomato, swing from a grape vine, milk a cow, take their dog to the woods at night?

Like smoke upon the wind, a thousand thoughts cloud my mind and then dissipate— memories of country things I have enjoyed. Will they have those opportunities? Will "self-sustaining," "bio-diversity," biotechnology and computers be old hat to them the way plowing behind a mule was to me? As a child, I could never have anticipated how my way of life— the farmer's way of life— would undergo such a transformation. Surely their memories will be a part of whatever new agriculture emerges from the stands we take and the plans we make today.

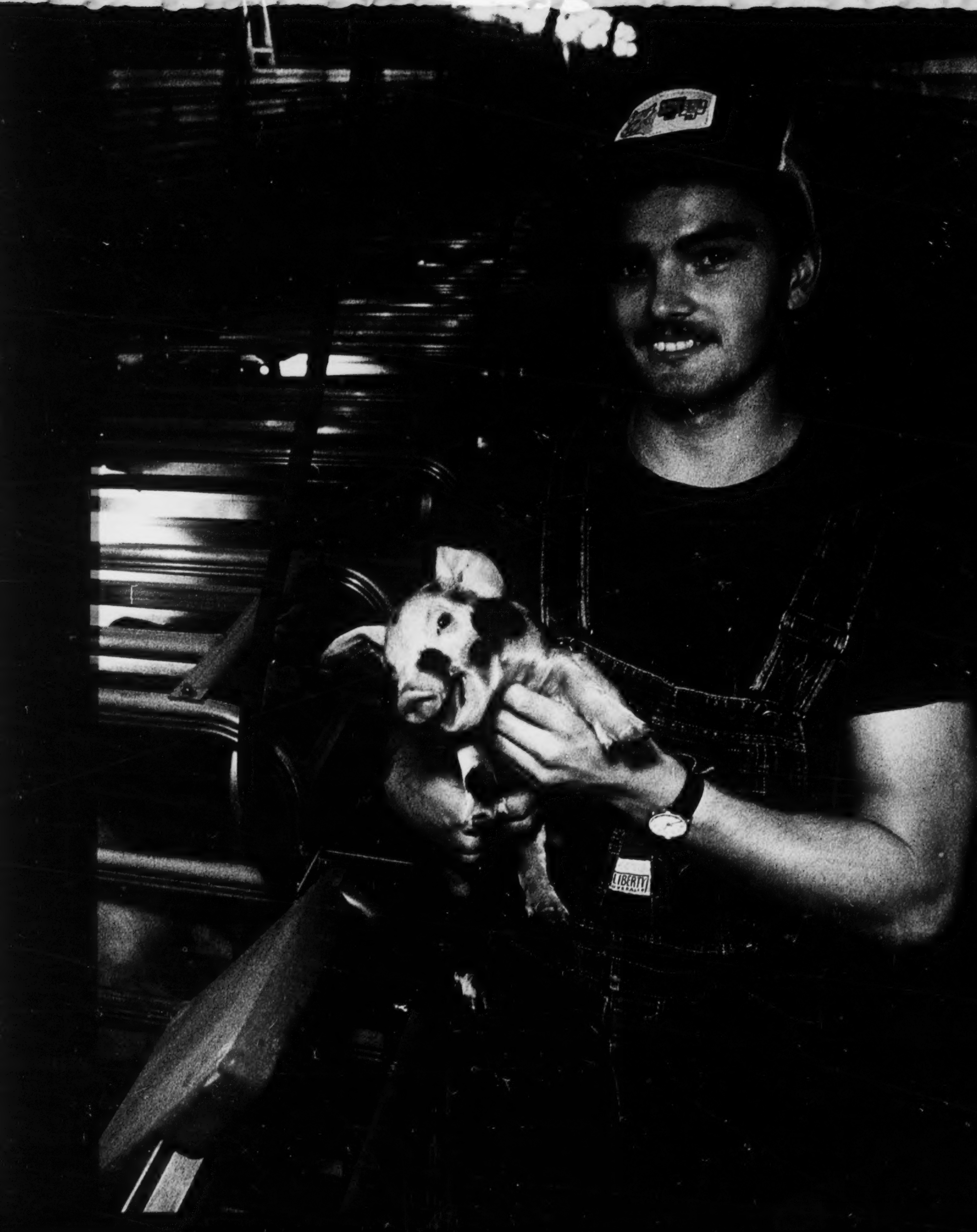
The common thread between these children's country memories and mine will be the land. We must nuture, improve, protect and enrich both our Earth and our agriculture; with careful management and continued technology, the forest will grow and the water will be pure, our livestock and our crops will be productive and our children will be healthy. Then, and only then, will they have the pleasures we have enjoyed on a Tennessee farm.

So it is the business of the Tennessee Department of Agriculture to regulate, promote and champion this wonderful, diverse thing we call agriculture. Agriculture is not only the things we produce to feed and clothe and heal and enjoy, it is a way of looking at the world. I deeply appreciate all the effort TDA employees put forth daily to accomplish our goals, and I'm proud to be part of this truly worthy undertaking.

Sincerely,

L.H. "Cotton" Ivy

L. H. "Cotton" Ivy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TENNESSEE AGRICULTURE

Tennessee agriculture is a complex and varied industry which benefits all Tennesseans as well as many people outside the boundaries of the state. Cash receipts to Tennessee farmers generally total $2 billion each year. The impact of these cash receipts on the state's overall economy is thought to be at least $6 billion. Add food safety and environmental issues to the financial aspects of agricultural production and the result is mind-boggling. Nevertheless, with the temperate climate and abundant water supply of the state's major geographical regions, Tennessee farmers produce a variety of food and fiber products which helps Tennessee live up to its official slogan, "America at its best."

In and around hillsides, in the shadows of mountains and among the fertile river valleys of East Tennessee, are the beef cattle, dairy farms, tobacco and vegetables so well suited to this type of terrain. Many other farming enterprises fill out this region's agricultural profile, however, which can be said of practically every area of Tennessee.

Middle Tennessee is made up of a dish-shaped basin rimmed with mountains to the east, sloping off to rolling hills westward and bordered on either side by the Tennessee River. The abundant rolling pasturelands make beef cattle and dairy operations practical choices for this region. A variety of row crops also flourish in Middle Tennessee, as does the "world's nursery capital" in Warren County.

West Tennessee is a region of lush flatland created by the Mississippi River's ancient floodplains. This region's agriculture centers around row crop operations; the state's largest production of soybeans, wheat, corn, cotton and sorghum traditionally come from this delta region. West Tennessee's famous river city, Memphis, has long been known as a major product transportation point.

Tennessee agri-industry and business thrives due to its diverse products, a strong traditional work ethic and a right-to-work environment. Tennessee is also within 500 miles of more than three-fourths of the nation's population--a good situation enhanced by a transportation system which includes seven interstate highways, two major airline hubs, more than 1,000 miles of navigable waterways and direct access to the Gulf of Mexico and nationwide rail access.

Tennessee agriculture extends far beyond its boundaries. Today, Tennessee agriculture makes an impact around the globe, and with an ongoing emphasis in research, education and high technology, Tennessee's diverse agriculture has a bright future.

THE TENNESSEE DEPARTMENT OF AGRICULTURE

Agriculture is a Tennessee tradition.

In 1854, the Bureau of Agriculture was organized as the very first state agency in Tennessee— eight years before the United States Department of Agriculture. The Bureau's purpose was to promote agriculture through fairs and livestock shows. The agency was discontinued during the Civil War but was reorganized in 1871 as the Bureau of Agriculture, Statistics and Mines. In 1893 the agency's name was changed to the Tennessee Department of Agriculture.

Today, TDA has as its primary purpose "the encouragement and promotion in every practical manner the interest of agriculture." Agriculture is still Tennessee's number one industry, though agriculture itself has changed dramatically since the days when nearly all Tennesseans were farmers of some sort.

Production agriculture, farm supply, product processing and distribution form the basis for Tennessee's complex agri-business industry. Tennessee products are as diverse as its landscapes— from East Tennessee tobacco to Middle Tennessee nurserystock to the cotton fields of West Tennessee.

The original Bureau of Agriculture had a staff of nine— the governor and eight others who met twice a year to transact state business. Today, TDA touches the life of every Tennessean, every day through its nine divisions and about 750 employees. Divisions of administration, agricultural resources, animal industries, commodity distribution, forestry, marketing, plant industries, technical services and quality and standards provide an outstanding spectrum of services.

DIVISION
OF
ADMINISTRATION

"If TDA were a living organism," said Commissioner Ivy, "the administration division would be the head or nerve center; useless without its 'body'— the other divisions— yet essential to assimilate information sent to it, for planning to the future and for directing the actions and responses of the members."

Within the administration division the commissioner directs his staff of the deputy commissioner, three assistant commissioners, the budget and personnel offices, the office of legal services and the information staff in a way which, according to deputy commissioner Terry Oliver, "exhibits leadership and responsiveness."

Administration has the dual role of setting policies and facilitating their implementation through other divisions. Policy development is both a formal and informal process which requires input from department employees, state and national farm organizations, regulated industries, universities and the general public.

TDA also maintains its traditional role in fair administration and livestock shows. More than 2.7 million people visit some fifty fairs held annually in Tennessee, with combined annual receipts of more than $7.3 million. Fairs and livestock shows pay more than half a million dollars to the approximate 55,000 exhibitors of agricultural products every year.

Agricultural youth organizations— the FFA and 4-H clubs— receive significant TDA support for their shows, projects and programs which offer opportunities for education and personal development. TDA administration also operates the Oscar L. Farris Agricultural Museum, which gives tourists and Tennesseans alike a look at their agricultural heritage.

Forestry Move Administrative Focus for Fiscal Year

How do you absorb a division with 400 employees and a budget of $15 million into a department of 380 employees with a budget of $17 million— without disrupting either group? That was the task facing TDA's administration division in 1992.

"The aftermath of the Executive Order which transferred the division of forestry to TDA demanded a significant amount of negotiations between the affected departments," according to Deputy Commissioner Terry Oliver. The first order of business for TDA's assistant commissioner for administration, Larry Maxwell, was to make sure that along with the transfer of the division of forestry itself enough support people in the budget and personnel offices were transferred to handle the additional paperwork for a department which would suddenly more than double in size.

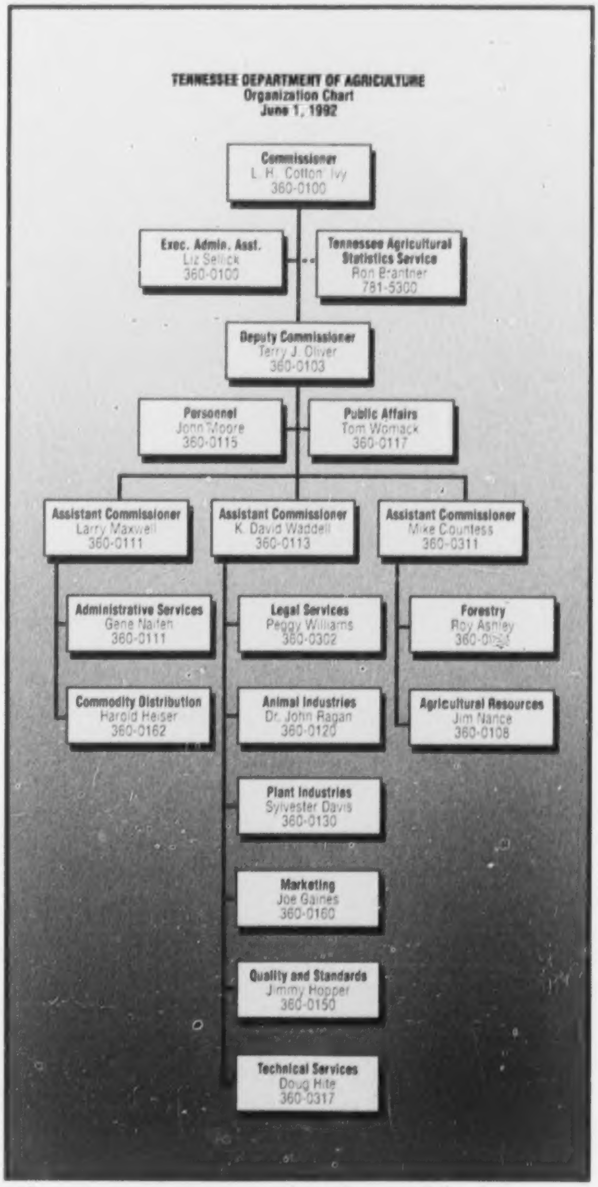
"TDA is fortunate that Gene F. Naifeh transferred from the former department of conservation to fill the job of director of administrative services," said Commissioner "Cotton" Ivy. "He along with Larry Maxwell worked diligently to make the logistics of the transfer come off without a hitch."

Also making the move to TDA was Mike Countess, now the assistant commissioner supervising the work of the division of forestry and the division of agricultural resources.

The division of forestry was physically transferred to Ellington Center in April, 1992. The division offices are now in the Porter Animal Industries Building on the Ellington Center campus.

This year also brought the announcement of a $6.6 million building project to improve the laboratory services of TDA. Even before the transfer of forestry to agriculture, the buildings at Ellington Center were crowded and, for some of the laboratory spaces, obsolete. In an effort to increase efficiency and performance, all laboratory functions were consolidated into one division —Technical Services— in 1990.

"By expanding the Porter building," explained Commissioner Ivy, "all TDA's labs will be housed in a single structure allowing shared equipment and personnel. This will also free up space currently being used as labs in the Bruer and Holeman buildings."


TENNESSEE DEPARTMENT OF AGRICULTURE
Organization Chart
June 1, 1992
Commissioner
L. H. "Cotton" Ivy
360-0100
Exec. Admin. Asst.
Liz Sellick
360-0100
Tennessee Agricultural Statistics Service
Ron Brantner
781-5300
Deputy Commissioner
Terry J. Oliver
360-0103
Personnel
John Moore
360-0115
Public Affairs
Tom Womack
360-0117
Assistant Commissioner
Larry Maxwell
360-0111
Assistant Commissioner
K. David Waddell
360-0113
Assistant Commissioner
Mike Countess
360-0311
Administrative Services
Gene Naifeh
360-0111
Commodity Distribution
Harold Heiser
360-0162
Legal Services
Peggy Williams
360-0302
Animal Industries
Dr. John Ragan
360-0120
Plant Industries
Sylvester Davis
360-0130
Marketing
Joe Gaines
360-0160
Quality and Standards
Jimmy Hopper
360-0150
Technical Services
Doug Hite
360-0317
Forestry
Roy Ashley
360-01
Agricultural Resources
Jim Nance
360-0108

Above is an organizational road map of the department. Phone numbers for each person on the chart provide quick access to the appropriate person.

DIVISION OF AGRICULTURAL RESOURCES

Farmers were the first environmentalists, aware that only the best treatment of soil and water would allow them to continue to produce abundant, high quality yields on their land.

In Tennessee, many farms have remained not only in production, but in the same family for more than 100 or even 200 years— testimony to Tennesseans' love and sense of responsibility for the lands they farm. With the help of modern technology— soil testing to determine what nutrients soils need, water and erosion management, recommended production, harvesting and marketing practices for crops and timber— Tennessee farmers plan for tomorrow as they produce the products citizens need today. Agricultural Resources continues to help Tennesseans protect, respect and improve their lands.

In 1979, soil erosion was stealing away Tennessee land at an alarming rate— as much as 16 tons per acre on Tennessee's five million acres of cropland. The annual erosion rate has been reduced to about nine tons per acre, with a goal of "tolerance level"— five tons or less per acre, per year.

Agricultural Resources employs 16 soil conservationists across the state and administers the cost-sharing programs which technically and financially assist landowners to establish soil conservation and water quality improvement practices on their farms. Soil conservation districts apply for the programs, provide local input and make approvals of individual requests for assistance.

"With today's concerns about water pollution coming from nonpoint sources," said division director Jim Nance, "the division has given greater attention to efforts to ensure that water leaving the farm from run-off or discharges does not cause problems."

A contract between TDA and the Department of Environment and Conservation provides Environmental Protection Agency funding to establish demonstrational "best management practices" (BMP's) directed toward water quality improvement in targeted watersheds.

"Farmers have shown an intense willingness to establish BMP's on their lands through voluntary participation in the cost sharing program," said director Nance. "In the past there have always been more requests for financial assistance than there have been funds to fill those requests. However, with the passage of legislation last year to create an Ag Nonpoint Fund specifically for cost-sharing on BMP's, the opportunity for putting more practices on the ground is greatly enhanced."

The division also works cooperatively with the State Soil Conservation Committee to plan and implement nonpoint source pollution control activities and to assist Tennessee's 95 soil conservation districts with their own soil and water programs. Another Committee responsibility includes elections and appointments of SCD supervisors. Operational funds for SCDs are appropriated annually by the state legislature.

Cost Share Funds Available for Ag Nonpoint Pollution

In 1991, the 97th Tennessee General Assembly established the Agricultural Nonpoint Water Pollution Control Fund. "This fund provides financial assistance to farmers to establish best management practices on their lands to reduce or eliminate water quality problems," explained ag resources director Jim Nance.

"The program enables farmers to receive cost-share funding at a rate of 75 percent of the total cost of establishing the BMP," said Nance, "but not to exceed $5,000 per individual per year. Cost-sharing for establishing animal waste systems, however, may be funded at a higher level."

Applications for grants are received each spring for the coming fiscal year and approvals made on the basis of the application content, how well criteria are met and the amount of funding requested. Soil conservation districts submit the majority of the applications, although other groups concerned with BMP implementation may also apply.

The project area may encompass a single watershed, multiple watersheds, or an entire county. The sign-up for individual farmer participation is handled locally at the county level.

Applications are also received for grants for information and educational activities which promote awareness of the importance of BMP's for water quality improvement and encourage their installation.

During the year, 47 soil conservation districts actively participated in the program.

"The ongoing push to complete soil surveys for all of Tennessee's 95 counties continues," said Nance. "Grants were awarded to Cannon, Cumberland, Hickman, Jackson, Lincoln, Marshall, Sevier and Sequatchie counties."

Animal waste systems such as the one shown above provide dairymen and livestock producers with a management tool to properly handle animal waste, preventing adverse effects on water quality of nearby streams or creeks. These systems have a high priority for cost-share funding through the Ag Nonpoint Fund. The water from this lagoon adjacent to a hog operation will be used to irrigate and fertilize surrounding wheat fields.

DIVISION
OF
ANIMAL INDUSTRIES

The Division of Animal Industries is charged with the control and eradication of diseases which threaten the livestock population of the state. The combined production of all livestock and poultry in Tennessee continues to be the largest generator of agricultural commodity income in the state. "Maintenance of a high level of health in our livestock," said state veterinarian and division director Dr. John Ragan, "is tied to success in two major ways."

"First, the profitability of any animal enterprise can be rapidly destroyed by the incursion of infectious disease," said Ragan. "In addition, the competitive free movement of Tennessee livestock in interstate and international commerce depends on adequate health status, and having customer states and nations confident of our continuing efforts."

Meeting the challenge of disease control requires interaction with thousands of veterinarians, livestock producers, dealers and market agencies. In TDA's cooperative eradication programs, Animal Industries depends heavily on the resources and contributions of such federal health partners as the USDA, APHIS, Veterinary Services and Regulations Enforcement and Animal Care. Without their support, according to Ragan, TDA's disease control programs could not have survived recent years.

Also critical to the success of Tennessee's animal health efforts is the support of the University of Tennessee Agricultural Extension Service, the U.T. College of Veterinary Medicine and other units of the university. Finishing the picture, said Ragan, are "the numerous excellent veterinary and producer organizations throughout the state."

During fiscal year '92, the grading and livestock market news responsibility of the division was transferred to TDA's marketing division.

New responsibilities and authority brought to the department by recent legislation will mandate greatly increased activity in monitoring and controlling diseases in exotic and wildlife species. Tuberculosis problems in elk and deer currently exist in at least ten states; a long list of potential diseases and parasite infestations "make it very important that we find the resources and methods to deal with this emerging problem," said the state veterinarian. "Every indication is that Tennesseans see these new species, even with their relatively high disease risks, primarily as potential for alternative animal production."

Tennessee must wait a year with no home-grown brucellosis infection in its cattle herds to gain certified free status.

Zero Brucellosis Infection Brings Historic Day to TDA

Despite the loss of resources in fiscal year '92, "A number of good things did happen during the year," said Dr. Ragan—the result of the dedication of employees and program efforts over many years.

With the release of the quarantine of a Henry County herd on February 7, 1992, the state passed a historic milestone. For the first time ever, Tennessee had none of its 68,000 cattle herds infected with brucellosis. "This was a singular accomplishment," said Ragan, "which resulted from the efforts of many people in the livestock industry for nearly 40 years." To qualify as a certified free state Tennessee must go through 12 months with no home-grown infection. "This makes it more important than ever that we keep everyone on alert and at their best to ensure that we reach that final eradication goal," said the state veterinarian.

Also during the year, Tennessee completed the five year period to qualify as an accredited tuberculosis free state. This goal was reached in September. TDA was declared free of cattle tuberculosis in the May 12th issue of the Federal Register.

Throughout the year, TDA was able to maintain Tennessee's validated free state status for swine brucellosis and pullorum-free status in the state's poultry.

Monitoring of swine herds for pseudorabies continued at a good pace, despite the loss of program funds to support the effort. Positive-testing individuals were found in three herds during the year, but at year's end the state still had only two confirmed infected herds. The random monitoring of herds for program surveillance was implemented during the year. "We anticipate qualifying for Stage III status in the national program during the summer of 1992," said division director Ragan.

The gratifying progress in equine infectious anemia control continued during 1992. During the heavy midwinter testing period, reactor rates were down by approximately 60 percent. Ragan said that "It is obvious that the new testing rules implemented in 1990 have been a tremendous success."

The past year has seen a continuation of the experience of the past 3 or 4 years with regard to scrapie, a serious fatal disease of sheep. Three newly infected flocks were identified during the year. Rather than total depopulation of infected flocks, the high-risk/low-risk definitions in the new national program standards were adopted. High-risk animals were removed and slaughtered or euthanized with indemnity to owners. It is yet to be determined how effective the new program will be in reducing the prevalence of sheep scrapie. Its relative success will be monitored closely, however, since all Tennessee infection in the past few years has been imported from outside the state. While Tennessee's sheep population is very small, the concern for the possible relationship between scrapie and a related fatal disease of cattle, bovine spongoform encephalopathy (BSE), makes this a critical disease for Tennessee animal agriculture.

DIVISION
OF
COMMODITY DISTRIBUTION

The Division of Commodity Distribution requisitions and distributes U.S. Department of Agriculture donated commodities throughout the state of Tennessee. These USDA purchased commodities and surplus foods go to Tennessee's public and charitable institutions to reach eligible groups and individuals across the state.

The primary recipients of these foods are Tennessee public and private school systems which use the supplemental foods to provide students with nutritious, inexpensive meals; citizens whose income is less than 150 percent of poverty level guidelines; non-profit institutions which serve residents who require financial aid; state institutions which house prisoners; non-profit summer camps which provide meals; summer feeding programs--recreational programs-- which serve meals; and soup kitchens which assist the homeless. Excess commodities from programs for the homeless are used to supplement food baskets for needy households.

Division director Harold Heiser said that in this federal program, "Everybody wins--the farmer, the needy citizen and the state and local governments which would otherwise have to pick up the tab."

The program benefits agriculture by the purchase of surplus perishable commodities to remove excess production and stabilize farm prices. "This plays a significant role," said Heiser, "in making this nation the leader in producing and distributing foods around the world." The USDA commodity program is also the only government procurement program which can guarantee that only U.S. products are used.

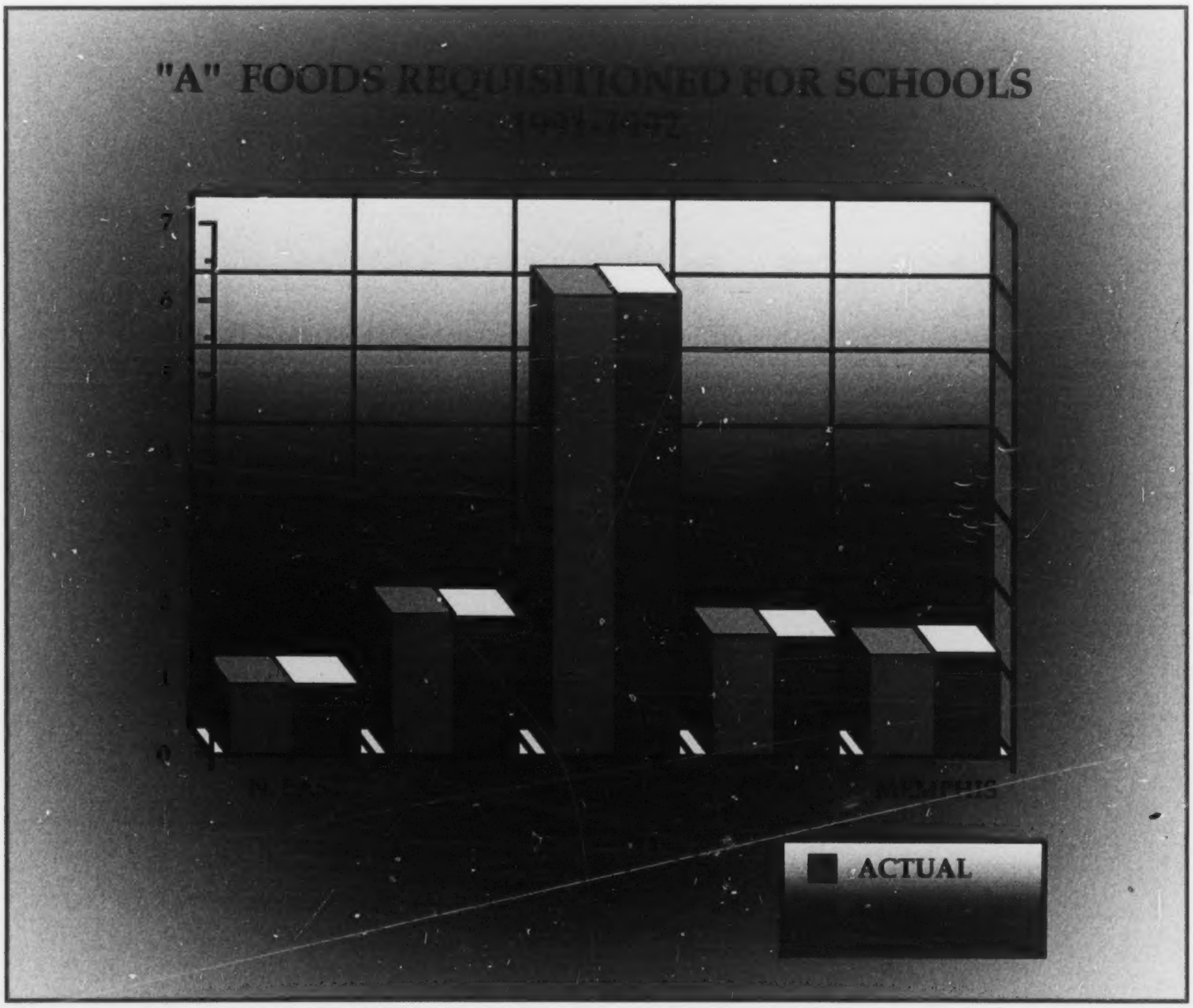
The Division of Commodity Distribution also enters into processing contracts in which commodities are converted to quality processed foods-- foods which usually require little preparation cost.

Equity in Distribution a Major Goal for Commodity Division

"The commodity division is charged with the responsibility of distributing food on an equitable basis throughout Tennessee," explained divison director Heiser.

Commodities distributed to Tennessee school systems run the gamut from almond butter to tuna, including dairy products, grains, fresh fruits and vegetables, meats, poultry and fish. "Equitable distribution is complicated by the fact that we must deal in truckload quantities with a range in value from $8,200— fresh apples— to $92,000— diced chicken, and seldom is there enough of any one product for a fair distribution across the state."

"Therefore," said Heiser, "equity, in the final analysis, must be accomplished on dollar value."



This chart reflects a comparison between actual value of products received and fair share amounts at the five major distribution points in Tennessee.

DIVISION OF FORESTRY

The newest addition to TDA is the division of forestry. "We are excited about the transfer," said state forester Roy C. Ashley. "The programs in the division of forestry will effectively compliment those in the Department of Agriculture."

The mission of the division of forestry is to conserve and develop the forestland of Tennessee for public benefit through programs of forest protection, forest management and reforestation. "Our efforts constitute almost every phase of forestry," explained Ashley, "from fire control to landowner assistance, water quality and urban forestry— from pest management to tree improvement and nurseries."

The division also manages more than 150,000 acres of public forest land in 13 state forests. Two state nurseries supply millions of seedlings to the landowners of Tennessee.

According to State Forester Ashley, "Most people do not realize the contributions that forests make to Tennessee." Approximately 50 percent of the land in Tennessee is forested, and forest-based industries employ 10 percent of the state's manufacturing work force and produce wood products with an annual shipment value approaching $4 billion. "There are also enormous and untold contributions of forests in the recreational, hunting and tourism industries," said Ashley.

Forests cover more than 13.3 million acres— more than 50 percent— of Tennessee's land area. Private non-industrial landowners control 80 percent of that forestland, while wood-using industries own 9 percent and 11 percent is publicly owned by federal, state and other agencies. Estimates from a 1989 Tennessee forest survey indicate that our forests are producing only half as much wood as they could grow but that Tennessee is already growing three times as much wood as is harvested. "Our renewable forest can provide many more social and economic benefits," said Ashley, "if forest protection and management are properly addressed."

At right, a farm family takes stewardship seriously by participating in the Tree Farm Program. An area forester works with the landowners to implement best management practices for a multi-use forest.

Forestry Emphasizes Fire Control, Stewardship and Urban Forestry

Forestry's fire control personnel responded to 2,484 fires that burned more than 25,000 acres in 1991. "More than 750 structures valued at $23.6 million were threatened and saved by our fire control efforts," said state forester Ashley.

A burning permit system was initiated by the division in 1991 to prevent human-caused escaped debris fires. During the first year, nearly 58,600 permits were issued with a "very significant reduction in escaped debris fires" over previous years, according to Ashley. Between October 15 and May 15, a permit is required for any outdoor burning. The permit is free and is issued over the phone. Almost 50 percent of Tennessee's wildfires are caused by escaped debris fires. By calling for the permit, fire control personnel can cut down on false alarms and concentrate on real wildfires; callers will also get burning advice and weather information.

A cooperative, multi-agency, multi-disciplinary effort to assist private landowners in true multiple-use forest management planning was introduced in the Forest Stewardship Program and the Stewardship Incentive Program (SIP) during 1991. SIP provides federal cost-sharing to carry out practices recommended in landowners' stewardship plans. TDF is the lead agency in implementing plans for forest stewardship owners. "Comprehensive stewardship plans of today will result in a richer forest resource for future generations," said Ashley.

The division is currently administering more than $450,000 in grant funds under the America the Beautiful (ATB) Urban Forestry Program and the Small Business Administration (SBA) Tree Planting Program. "More than 50 cities, towns, counties and non-profit organizations have received funds to plant trees on public lands in urban areas," said the state forester. "The division also participated in Project Releaf, where 22,000 tree seedlings were distributed to 4th graders in 94 of Tennessee's 95 counties this year." In addition, nearly 2,500 teacher packets were sent to participating 4th grade teachers.

DIVISION OF MARKETING

Since 1854, the first duty of the agriculture department has been to promote and encourage Tennessee agriculture. TDA's division of marketing is still meeting that need and fulfilling that directive today guided by its mission statement, which directs the division "To identify marketing opportunities and to create innovative, responsive programs and services which enhance and expand the farm and agri-business economy of Tennessee."

Specific emphasis has been placed on the promotion of Tennessee value-added food products— any commodity which has been processed in any way, from simple flour to candies—fruits and vegetables, aquaculture, livestock, hay, forestry products, Christmas trees and equine. Brochures, directories and press releases have been developed and disseminated throughout the state, nationally and worldwide in an effort to promote these high quality Tennessee products.

As a result of TDA's marketing efforts, Tennessee livestock is now regularly exported to Mexico. Since 1986, Tennessee farmers have exported feeder pigs and Holstein and Jersey dairy heifers, and recently a significant number of Tennessee beef cattle were also exported to the Central American country. TDA marketing specialists have concentrated on an annual trade mission, hosting groups of buyers and trouble shooting for exporters and importers while facilitating these sales. Since 1988, Tennessee dairy cattle exports to Mexico have risen from about 500 head to more than 2,600 head in 1991, a 400 percent increase according to export records.

Tennessee's investment in fruit and vegetable marketing cooperatives and farmers markets has been strengthened by TDA marketing assistance. Marketing specialists work closely with the Waldon's Ridge Packing Shed near Pikeville and the Ala-Tenn Vegetable Cooperative near Fayetteville. Assistance has also been provided to farmers markets in Jackson, Knoxville and Memphis in addition to a regional distribution center in Morristown—spreading TDA assistance across the state for this growing industry.

The popular "Pick Tennessee Products" promotion — the campaign developed by TDA to alert consumers to high quality Tennessee agricultural items— is also coordinated by the marketing division. Considerable time is taken with state media, university food marketing agents, wholesalers, distributors and retailers to create a promotional focus on August, the month when the most Tennessee fresh produce is available. The month long celebration highlights Tennessee agriculture, its importance to the state's economy and encourages consumers to "Pick Tennessee Products."

The market news service continues to be an effective and useful service of the division. More than 9,000 calls from farmers and agri-businesses are received monthly over TDA's two toll-free lines. With the recent addition of livestock specialists to the marketing staff, inter-divisional compilation of livestock markets is being accomplished. Fruit, vegetable, egg, grain and cotton price information is available in addition to livestock information. The service is accessible 24 hours a day by calling 1-(800)-342-8206.

The marketing division continues to cooperate with the U. S. Department of Agriculture's foreign agricultural service and the Southern United States Trade Association in international marketing of Tennessee agricultural products. TDA marketing specialists host foreign information gathering teams and purchasing teams year round.

When a 1991 producer referendum passed allowing tobacco poundage to be transferred and leased across county lines, Tennessee had no mechanism in place to assist producers. Marketing and the Tennessee Farm Bureau Federation joined efforts to publish the first "Tobacco Poundage Directory" to help producers utilize this new opportunity. A computerized network allows farmers to receive current information from throughout the state on available tobacco poundage.

Livestock Specialists "Grade One" at TDA

"The addition of this service will give the divison increased daily contact with livestock producers across Tennessee," said Claude Harris, senior livestock specialist and 30 year plus TDA employee. "The livestock industry generates almost $600 million in cash receipts annually to Tennessee's economy."

TDA livestock specialists grade more than 55,000 feeder cattle, 400,000 feeder pigs, 1,800 lambs and 77,000 lbs. of wool annually. In addition, they report cattle sale prices at 16 weekly livestock markets across Tennessee. "Feeder pigs are graded in USDA grades 1, 2 and 3," explained division director Gaines. "Approximately 88 percent of Tennessee feeder pigs grade number 1 and 2, which shows the commitment of Tennessee feeder pig producers in raising quality pigs."

Feeder cattle are graded in the spring and fall at organized and video markets. Cattle are graded according to frame size, muscle thickness and flesh, with the majority of Tennessee feeder cattle falling in the medium framed, number 1 muscle thickness and medium fleshed grade.

Wool is graded at 3 locations across Tennessee every May. The wool is graded according to fiber length, color and cleanness.

Livestock market news information is compiled daily by livestock specialists. Sale prices are recorded in individual animals according to their sex, weight and grade. A price is reported to the division's market news service for dissemination.

"The state's livestock specialists are an integral part of Tennessee's livestock marketing system," said Gaines. "By packaging and pooling animals in lots of uniform grades, weight and sex, the state's smaller producers are able to receive a more equitable price. This service to the industry is invaluable."

DIVISION OF PLANT INDUSTRIES

The work of the Division of Plant Industries falls into two broad categories: (1) the prevention, control and eradication of insect pests and plant diseases and (2) the protection of our environment from the misuse of pesticides. These areas are inseparable— one cannot be accomplished without consideration of the other.

Sylvestor Davis is director of the TDA plant industries division.

The plant certification section of Plant Industries exists because plant diseases cost Tennesseans millions each year. The Tennessee Plant Pest Act of 1955 gives TDA broad authority to inspect and certify all nursery stock, greenhouses and vegetable plants which move in commerce to ensure that they are disease and pest free. When harmful infestations are discovered, the employees of the plant industries division have the tools to deal with such problems. Their resources include quarantines, movement permits, eradication plans and civil penalties.

As part of the certification section, the survey unit keeps track of pest infestations and gives the public up-to-date evaluations. The forestry unit provides the technical expertise necessary for periodic detection surveys and evaluations of forests.

The environmental control section— the other essential component of Plant Industries— by agreement with the EPA regulates the pesticide industry in Tennessee.

This process begins with the requirement that all pesticides must be registered with the TDA Division of Plant Industries. The chemical companies file the chemical formula and a copy of the product's label. Monitors track the products through commerce and periodically sample products to determine whether the formulations meet label specifications.

Once the chemicals are in commerce, their use is also regulated. Products are categorized in two categories: general use and restricted use. Any consumer may use a general use product on his own property; however, a person must be certified by TDA to purchase or use restricted use pesticides.

In order to use pesticides in a business or on another person's property (as with a pest control company or a lawn care company, for instance) the would-be user must first pass a difficult two-day written examination to obtain a pest control license.

Through such regulation of chemicals and of the people who use chemicals, Tennesseans reap twice the benefits— a state remarkably free of environmental and personal harm, and an abundant, wholesome and safe supply of products through the proper use of modern technology.

TDA employees gathered before dawn to prepare for the gypsy moth spraying. Yellow balloons served as boundary markers to direct pilots to proper spray areas.

Pesticide Regulatory Issues Important in '92

A 1991 U.S. Supreme Court case presented Tennessee with the prospect of more than 300 different and possibly contradictory pesticide laws .

A large coalition of agricultural and pesticide interest groups came together in Tennessee under the leadership of the Tennessee Farm Bureau Federation and proposed legislation which maintained the current system of pesticide regulations by preempting local governments from enacting pesticide laws of their own.

This seemingly reasonable piece of legislation became one of the most controversial bills in the 1992 session of the Tennessee General Assembly. The controversy arose from the characterization of the bill by some of the more radical environmental interest groups that the bill weakened pestcide regulation by taking away the right of local governments to set their own regulations. This view ignored the history of pesticide regulation in this country which has been effectively carried out at the state and federal level since pesticides were first used and the realization made that local governments are neither inclined nor equipped with qualified staff or funds to effectively regulate pesticides.

The view that finally prevailed in the legislature was that any local interest in regulating pesticides should be overridden by preserving statewide uniformity. Such uniformity prevents a patchwork of conflicting regulations from town to town with which any user of pesticides would have trouble complying. The legislature did recognize there may be local situations which require special attention and gave local governments a procedure to customize state regulations to fit their needs while maintaining as much uniformity as possible.

After all was said and done the pesticide programs of TDA remain intact and will continue to provide the public with effective pesticide regulation.

Although most of the discussion in the past year has been about divergent philosophies of pesticide regulation, the division had to get down to the practical aspects of pest control when a large infestation of gypsy moths was found in Rhea and Bledsoe Counties.

A 3,000 acre area infested with gypsy moths was sprayed twice in May. "In addition to protecting precious and valuable forest resources," said assistant commissioner David Waddell, "this eradication effort will also help avoid a possible federal quarantine which would restrict the movement of timber and nurserystock in this and surrounding areas."

The decision to spray the area came after a year long trapping program indicated the population was too large to "trap out," according to Bruce Kauffman, TDA forest pest specialist. One of the materials used to spray the area was a naturally occurring biological insecticide, bacillus thuringiensis, which is quite safe to both humans and wildlife. The other insecticide, an insect growth regulator named diflubenzuron, has also been proven safe and effective when applied according to label specifications.

DIVISION
OF
QUALITY AND STANDARDS

"The quality and standards division touches the lives of each Tennessean every day of the year," according to division director Jimmy Hopper. "Consumer protection is the end result of the activities of this division."

Quality and Standards is responsible for the enforcement of laws and regulations concerning weights and measures; petroleum quality; food and drugs; dairies and dairy products; commodity dealers and warehouses; feed, seed and fertilizers; and agricultural limestone. "The enforcement of laws and regulations in these areas result in higher quality and more equitable products for consumers to purchase. Enforcement also affords more dependability for companies purchasing commodities from Tennessee producers," explained Hopper.

"Average consumers are not aware of the services provided by the division," said the director. "However, purchases of most products are made with confidence that they are safe and wholesome and that they contain the quantity indicated on the label." Much of the work conducted by the division concerns truth in labeling, whether the product being inspected is food, feed, fertilizer or petroleum.

"Consumers expect to be treated fairly and to be informed adequately," said Hopper. Quality and Standards assists in assuring that this expectation is met, not only by seeking out unscrupulous businesses, but by verifying labeled information and notifying businesses when they fall below tolerances. "This encourages more quality control by industry," explained Hopper, "resulting in better quality of products to be offered for sales— which in turn improves their products, benefiting both consumer and industry."

Kerosene and Motor Fuel Greatly Improved in Tennessee

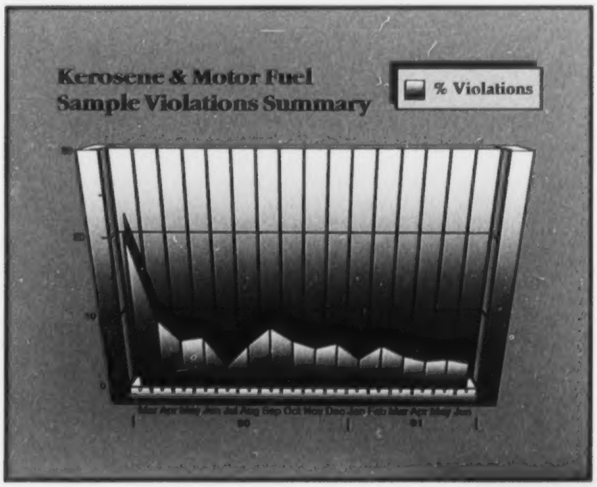
"The quality and standards division is proud to announce that the monthly violation rate of petroleum has been reduced to three percent or below," said division director Hopper. When the kerosene and motor fuel inspection and sampling program was initiated in March of 1990, violation rates were more than 20 percent.

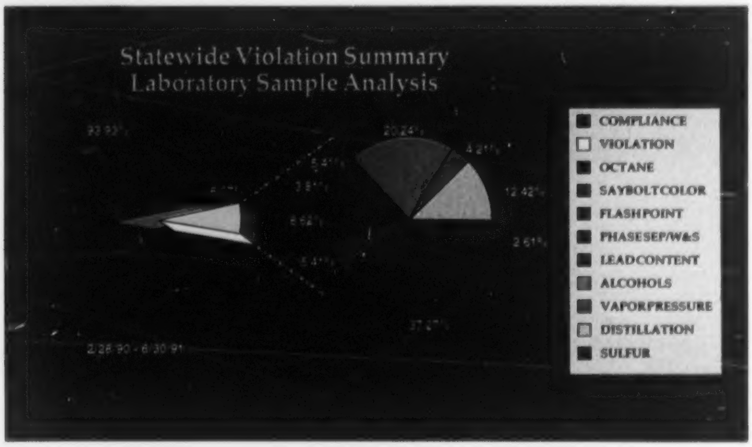
"The imposition of civil penalities encouraged the industry to review their quality control measures to avoid receiving such penalties," explained Hopper. "This resulted in a drastic reduction of violations in Tennessee." Prior to the Kerosene and Motor Fuel Quality Inspection Act, the petroleum industry had little incentive outside of direct consumer complaints to ensure that they were selling quality products properly labeled.

"Consumers have stated to department officials that they could tell drastic improvement in the quality of motor fuel they were purchasing in the spring of 1990 by the driveability of their vehicles," said Hopper.

Kerosene quality also showed vast improvement after the onset of the inspection program's implementation. Such an improvement may save homes and lives by deterring fires caused when kerosene heaters burn poor quality fuel.

"Overall," said division director Hopper, "The petroleum industry has worked very cooperatively with the department in striving to provide a quality product to consumers. We will continue our efforts to maintain the violation rate below 3 percent; this rate is typical of states which have enforced petroleum quality laws for several years."





DIVISION OF TECHNICAL SERVICES

The mission of Technical Services is to provide quality analytical data in a safe, timely and efficient manner. In order to "create a partnership of excellence with the agricultural community," division director Doug Hite explained that Technical Services has instituted a "quality service" concept to heighten awareness of its employees to customer satisfaction. "We must remember who our customers are and strive to stay informed of their needs and the future trends in agriculture," said Hite. "To support customer satisfaction, our employees are encouraged to meet with, on a one-on-one basis, our customers within the department and our clients we serve outside state government."

Hite said that such a process keeps Technical Services in touch with the "real life" problems that the laboratories are called upon to resolve through their technical expertise. TDA technical support ranges from supplying a critical diagnosis from the animal diagnostic lab to testing a small cattle operation— or providing the same testing service to a large operation involving millions of dollars.

Technical Services is divided into two laboratory groups: biological services, including the animal diagnostic laboratory and food microbiology; and chemical services, which is comprised of toxicology and food residue services, environmental monitoring, and feed, seed and fertilizer testing.

Technical Services provides analytical support to a wide variety of TDA programs, including programs for equine infectious anemia, pseudorabies, brucellosis, dairy, pesticide control, EPA pesticide analysis testing and lime testing.

"We take pride in providing partnership service through the analysis of pesticide products and residues in our environmental monitoring unit," said Hite, "which aids in controlling the use of pesticides for a cleaner environment. Also, the testing of food products in our food residue unit helps to maintain a safe and attractive product for consumer use and enjoyment."

A technical services employee reviews data from an automated high performance liquid chromatograph in the consolidated instrumentation lab.

TDA Labs Support Ag Community Through Service

"Despite the fact that this year has been one of economic austerity," said division director Hite, "the mission of Technical Services did not change. Our mission is to provide quality analytical support to our customers."

The total case load of the biological services unit decreased from 27,869 cases in 1989-90 to 23,962 cases from 1990-91. The loss was reflected in a decrease in equine infectious anemia (EIA) case submissions from 10,871 cases (11,631 samples for 1989-90) to 6,904 cases (7,555 samples for 1990-91). "This decrease may be partially the result of the dramatic success which has been achieved in bringing the incidence of this disease to the lowest ever recorded in Tennessee," explained Hite.

The loss of 4,000 cases was dampened somewhat by slight increases in total non-program disease submissions (diagnostic and necropsy cases).

Pseudorabies case submissions decreased slightly from 4,676 cases (1989-90) to 4,550 cases (1990-91). Hite said this decrease may reflect an industry trend towards decrease in individual farm units (cases) and increased herd sizes (samples).

"As farms become larger and more totally integrated," said Hite, "there may be an increased demand for surveillance sampling— preventive measures to populations— rather than individual animal examinations for diseases or dead animal testing."

This past year, Chemical Services performed 936 tests for food residues, 2,828 toxicology tests, 822 tests in environmental monitoring, 11,505 seed tests, 7,095 feed tests, 3,138 fertilizer tests and 303 lime tests. Chemical Services has worked to obtain contracts on supplies and the maintainence of scientific instruments used in the laboratory, resulting in a considerable cost savings according to Hite. More contracts are planned for the purchase of such chemicals as solvents and reagents.

"The purchase of a new instrument, a GC/MS," said Hite, "has improved our analytical capabilities and helped us provide rapid identification of compounds. Training of staff on this instrument has greatly improved the efficiency and productivity in the chemical residue area."

"Recently," Hite added, "the environmental monitoring section has been involved in establishing a ground water unit. The function of this unit is to analyze ground water samples for possible pesticide contamination and work hand-in-hand with EPA's state regulatory agency."

Decisions, decisions, decisions...a lifelong process which fashions our way of life. If you spend some time examining the basis of the decisions you make each day, you will quickly see the importance of numbers to the quality of your decisions. The common thread through the decision making process is generally a number or a series of numbers which signals a proper course of action.

Tennessee farmers have done an outstanding job of responding to agricultural surveys with good numbers. The Tennessee Agricultural Statistics Service staff members pictured above and their predecessors have honored that cooperation with the best service possible. The numbers of agriculture start with farmers and end with farmers, but the decisions made in between keep all of us (consumers) well fed and beautifully clothed.

This publication is provided by Tennessee tax payers to assist all of the decision makers who function in our complex food and fiber system. We appreciate the interest of our readers and solicit your comments and suggestions. Please call on us whenever we may serve you.

Ron Brantner

Ron Brantner
State Statistician

TENNESSEE AGRICULTURAL STATISTICS

1992

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TENNESSEE
DEPARTMENT OF AGRICULTURE

L. H. "COTTON" IVY, COMMISSIONER

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State Summary

LOWEST FARM NUMBERS ON RECORD

The number of farms in Tennessee declined in 1991 to 87,000 farms, down two percent from 1990 and the lowest number on record. Total land in farms is holding at 12.4 million acres for the second year in a row, while average farm size increased to 143 acres from 139. Farms that sold between $1,000 and $9,999 worth of agricultural products totaled 64,000 and represent three-fourths of Tennessee's farms. The other 25 percent of the farms had sales exceeding $10,000 and accounted for 60 percent of the state's farmland.

NUMBER OF FARMS: SELECTED STATES, 1985-1991[1]

State	1985	1986	1987	1988	1989	1990	1991
				Number			
Alabama	52,000	51,000	49,000	48,000	47,000	47,000	**45,000**
Florida	39,000	39,000	40,000	41,000	41,000	41,000	**40,000**
Georgia	50,000	49,000	48,000	49,000	48,000	48,000	**46,000**
Kentucky	100,000	99,000	99,000	97,000	95,000	93,000	**91,000**
Mississippi	48,000	46,000	44,000	42,000	41,000	40,000	**38,000**
North Carolina	76,000	73,000	70,000	68,000	65,000	62,000	**60,000**
South Carolina	27,500	27,000	26,000	26,000	25,500	25,000	**24,000**
Tennessee	**95,000**	**92,000**	**91,000**	**91,000**	**91,000**	**89,000**	**87,000**
United States	2,292,530	2,249,820	2,212,960	2,197,140	2,170,520	2,140,420	**2,104,560**

[1] A farm is a place as of June 1 that sells or could sell $1,000 of agricultural products during the year.

LAND IN FARMS: SELECTED STATES, 1985-1991[1]

State	1985	1986	1987	1988	1989	1990	1991	Average Size Farm
				1,000 Acres				
Alabama	11,200	11,000	10,700	10,600	10,600	10,100	**9,800**	218
Florida	12,100	11,900	11,700	11,500	11,200	10,900	**10,500**	263
Georgia	13,500	13,300	13,000	13,000	12,600	12,500	**12,100**	263
Kentucky	14,500	14,500	14,400	14,300	14,200	14,100	**14,100**	155
Mississippi	14,100	14,000	13,800	13,500	13,300	13,000	**12,800**	337
North Carolina	10,800	10,800	10,500	10,300	10,000	9,700	**9,600**	160
South Carolina	5,500	5,400	5,300	5,300	5,300	5,200	**5,100**	213
Tennessee	**13,400**	**13,000**	**12,600**	**12,600**	**12,600**	**12,400**	**12,400**	**143**
United States	1,012,073	1,005,333	998,923	994,543	991,153	987,420	**982,576**	467

[1] A farm is a place as of June 1 that sells or could sell $1,000 of agricultural products during the year.

NUMBER AND LAND IN FARMS BY SALES CATEGORY: TENNESSEE, 1988-1991[1]

Year	Farms			Land In Farms		
	$1,000 - $9,999	$10,000+	Total	$1,000 - $9,999	$10,000+	Total
	Number			1,000 Acres		
1988	68,000	23,000	91,000	5,400	7,200	12,600
1989	68,000	23,000	91,000	5,400	7,200	12,600
1990	67,000	22,000	89,000	5,200	7,200	12,400
1991	64,000	23,000	87,000	4,900	7,500	12,400

[1] A farm is a place as of June 1 that sells or could sell $1,000 of agricultural products during a year.

FARM GROSS INCOME, EXPENSES, AND NET INCOME: TENNESSEE, 1986-90[1]

Item	1986	1987	1988	1989	1990
			Million Dollars		
Cash Receipts, Farm Marketings	1,826.3	1,947.7	1,925.3	1,945.7	**2,038.6**
Government Payments	98.4	156.7	140.4	141.0	**91.0**
Non-Cash Income[2]	196.0	196.2	202.1	203.2	**207.6**
Other Farm Cash Income[3]	113.4	137.7	154.4	160.6	**146.5**
Net Inventory Adjustment[4]	-146.6	-54.7	48.9	46.7	**-27.4**
Gross Farm Income[5]	2,087.6	2,383.7	2,471.0	2,497.4	**2,456.4**
Production Expenses[5]	1,915.1	1,953.7	1,966.5	1,944.1	**1,995.7**
Net Farm Income	172.5	430.0	504.5	553.2	**460.6**

[1] Contains revised data for many components. The revisions are due to newly incorporated data from the "1987 Census of Agriculture" and the "Agricultural Economics and Land Ownership Survey (1988)."

[2] Includes the rental value of housing provided by farm dwellings and the value of farm products consumed directly in farm dwellings.

[3] Includes cash income from machine hire, custom work, other farm business-related income, forest product sales and custom feeding fees.

[4] The estimated physical change in livestock and crops owned by farmers, valued at average prices prevailing during the year.

[5] Includes operator dwellings. New data sources and methods are used in deriving the gross imputed rental income and expenses related to farm dwellings.

Source: "Economic Indicators of the Farm Sector," State Financial Summary, 1990, USDA, Economic Research Service, December 1991.

FARM PRODUCTION EXPENSES: TENNESSEE, 1986-90[1]

Item	1986	1987	1988	1989	1990
			Million Dollars		
Feed Purchased	220.8	216.6	239.4	243.8	**230.9**
Livestock & Poultry Purchased	135.2	183.6	127.3	66.6	**78.1**
Seed Purchased	45.3	47.5	48.9	51.8	**52.2**
Fertilizer & Lime	107.0	121.2	130.1	123.2	**122.4**
Pesticides	55.6	57.3	58.1	69.1	**72.7**
Fuel and Oil	70.2	65.0	66.6	65.8	**79.5**
Electricity	17.7	21.6	22.8	19.9	**19.5**
Repair and Maintenance	132.1	128.5	149.6	157.3	**151.6**
Other Operations[2]	198.4	220.6	213.2	198.5	**217.2**
Interest - Real Estate	127.0	111.4	114.3	114.6	**114.0**
- Nonreal Estate	103.7	99.7	95.2	96.8	**93.6**
Labor Expenses[3]	107.2	110.1	115.3	122.8	**138.6**
Net Rent to Nonoperator Landlords	69.5	85.1	87.9	92.8	**98.5**
Capital Consumption[4]	463.2	422.9	435.3	457.7	**459.1**
Property Taxes	62.2	62.6	62.5	63.4	**67.9**
Total Production Expenses	1,915.1	1,953.7	1,966.5	1,944.1	**1,995.7**

[1] Includes operator dwellings.

[2] Includes machine hire and custom work expenses; marketing, storage, and transportation expenses; and miscellaneous expenses.

[3] Includes contract labor expenses, hired labor wages, perquisites, and Social Security payments.

[4] Includes depreciation and accidental damage.

Source: "Economic Indicators of the Farm Sector," State Financial Summary, 1990, USDA, Economic Research Service, December 1991.

CASH RECEIPTS FROM FARM MARKETINGS: BY COMMODITIES, TENNESSEE, 1985-1990[1]

Commodity	Cash Receipts						% of	% of
	1985	1986	1987	1988	1989	1990	Total	1989
				1,000 Dollars				
Crops	987,075	788,580	841,016	869,560	863,290	928,009	45.5	107
Soybeans	261,146	166,950	180,383	224,160	176,007	192,295	9.4	109
Tobacco	221,630	150,163	129,258	136,456	147,509	186,379	9.1	126
Cotton, Lint	100,164	104,095	183,086	132,455	151,433	156,338	7.7	103
Cottonseed	8,296	10,668	17,619	25,417	16,613	20,658	1.0	124
Corn	124,555	81,460	59,992	49,897	70,530	68,617	3.4	97
Wheat	25,535	21,544	29,201	61,527	67,648	49,245	2.4	73
Grain Sorghum	42,698	22,682	7,364	3,904	3,841	6,446	0.3	168
Hay	13,493	24,216	28,032	22,991	26,243	26,519	1.3	101
Tomatoes, Fresh Market	23,940	21,000	16,146	19,656	12,600	20,640	1.0	164
Potatoes	2,166	1,461	958	491	612	720	[2]	118
Snap Beans, Processing	2,284	1,508	2,106	1,764	2,184	2,047	0.1	94
Sweetpotatoes	958	1,118	1,253	1,205	1,037	[3]	-	-
Apples	1,360	1,572	1,820	1,715	1,480	1,370	0.1	93
Peaches	0	888	865	2,673	443	407	[2]	92
Other Fruits & Vegetables	29,794	31,951	30,296	31,643	25,086	29,601	1.5	118
Greenhouse & Nursery	109,324	123,170	126,894	126,551	128,944	134,665	6.6	104
All Other Crops	19,732	24,134	25,743	27,055	31,080	32,062	1.6	103
Livestock and Products	999,983	1,037,710	1,106,667	1,055,748	1,082,435	1,110,601	54.5	103
Cattle and Calves	425,838	435,028	557,032	504,832	451,524	497,213	24.4	110
Dairy Products	281,851	274,596	273,076	266,100	285,316	302,606	14.9	106
Hogs	158,461	169,417	134,005	131,867	159,393	138,247	6.8	87
Broilers	79,940	105,840	95,855	113,274	145,177	130,812	6.4	90
Eggs	35,721	33,758	25,683	20,393	21,557	16,204	0.8	75
Honey	[3]	899	1,733	1,050	463	633	[2]	137
Sheep and Lambs	219	222	472	357	445	370	[2]	83
Wool	30	40	42	61	58	27	[2]	47
Catfish	[3]	[3]	1,159	636	327	299	[2]	91
Trout	[3]	[3]	[3]	[3]	756	808	[2]	107
All Other Livestock	17,923	17,910	17,610	17,178	17,419	23,382	1.2	134
All Commodities	1,987,058	1,826,290	1,947,683	1,925,308	1,945,725	2,038,610	100.0	105

[1] All data are subject to revision in the following year.

[2] Less than 0.1 percent.

[3] Not available.

Source: USDA, Economic Research Service, August 1991.

CASH INCOME FROM FARMING: TENNESSEE, 1986-90[1]

Item	1986	1987	1988	1989	1990
			Million Dollars		
Cash Income	2,038.1	2,242.2	2,220.1	2,247.4	2,276.1
Farm Marketings	1,826.3	1,947.7	1,925.3	1,945.7	2,038.6
Crops	788.6	841.0	869.6	863.3	928.0
Livestock and Products	1,037.7	1,106.7	1,055.7	1,082.4	1,110.6
Government Payments	98.4	156.7	140.4	141.0	91.0
Other Farm Cash Income[2]	113.4	137.7	154.4	160.6	146.5
Cash Expenses	1,400.9	1,470.9	1,470.2	1,438.7	1,480.3
Interest	219.4	195.6	192.8	203.4	197.5
Labor[3]	102.2	104.5	109.9	117.6	132.9
Net Rent-Nonoperator Landlords	69.5	85.1	87.9	92.8	98.5
Property Taxes	50.7	50.5	50.1	50.3	53.7
All Other Production Inputs	959.1	1,035.3	1,029.5	974.6	997.8
Net Cash Income	637.3	771.2	749.8	808.6	795.8

[1] Excludes operator dwellings.

[2] Includes cash income from machine hire, custom work, other farm business-related income, forest product sales and custom feeding fees.

[3] Includes contract labor expenses, hired labor wages, perquisites, and Social Security payments.

Source: "Economic Indicators of the Farm Sector," State Financial Summary, 1990, USDA, Economic Research Service, December 1991.

GOVERNMENT PAYMENTS: BY PROGRAM, TENNESSEE, 1986-90[1]

Item	1986	1987	1988	1989	1990
		1,000 Dollars			
Feed Grain	23,279	47,385	43,922	18,730	16,096
Wheat	16,188	16,326	13,098	3,405	12,441
Rice	40	27	40	69	65
Cotton	34,112	38,556	28,646	40,826	16,047
Wool Act	52	71	45	18	27
Conservation[2]	7,829	28,339	24,989	26,178	26,966
Miscellaneous[3]	16,931	26,041	29,648	51,823	19,387
Total	98,431	156,745	140,388	141,049	91,029

[1] Includes both cash payments and payment-in-kind (PIK).

[2] Includes amount paid under agriculture and conservation programs (Conservation Bonus, Conservation Reserve, Agriculture Conservation, Emergency Conservation, and Great Plains Program).

[3] The programs included are: Rural Clean Water, Clean Lakes, Animal Waste Management, Forest Incentive, Water Bank, Milk Indemnity, Dairy Termination, Emergency Feed, Extended Warehouse Storage, Extended Farm Storage, Milk Diversion, Disaster Program Crops, Disaster Program Non-Crops, Colorado River Salinity, Warehouse Storage Deduction, Livestock Emergency Assistance, Interest Penalty Payments, Disaster, and Loan Deficiency.

Source: "Economic Indicators of the Farm Sector," State Financial Summary, 1990, USDA, Economic Research Service, December, 1991.

FARM REAL ESTATE DEBT: AMOUNT OUTSTANDING BY LENDER, TENNESSEE, DECEMBER 31, 1986-1990[1]

Lender	1986	1987	1988	1989	1990
			Million Dollars		
Farm Credit System[2]	407	332	325	320	**419**
Farmers Home Administration	309	299	283	261	**239**
Life Insurance Companies	52	50	56	45	**41**
All Operating Banks	368	397	390	408	**403**
Individuals and Others	234	201	175	166	**156**
CCC Storage and Drying Loans	2	1	0	0	**0**
Total[3]	1,372	1,280	1,230	1,200	**1,257**

[1] Includes operator households. [2] Federal Land Banks debt prior to 1988. [3] Totals may not add due to rounding.
Source: "Economic Indicators of the Farm Sector," State Financial Summary, 1990, USDA, Economic Research Service, December 1991.

FARM NONREAL ESTATE DEBT: AMOUNT OUTSTANDING BY LENDER, TENNESSEE, DECEMBER 31, 1986-1990[1]

Lender	1986	1987	1988	1989	1990
			Million Dollars		
All Operating Banks	281	242	247	227	**244**
Farm Credit System	225	193	189	218	**171**
Farmers Home Administration	399	388	363	317	**277**
Individuals and Others	182	176	189	197	**205**
Total[2]	1,087	999	988	960	**897**
CCC Crop Loans	158	105	105	50	**26**
Total	1,245	1,104	1,093	1,010	**923**

[1] Includes operator households. [2] Totals may not add due to rounding.
Source: "Economic Indicators of the Farm Sector," State Financial Summary, 1990, USDA, Economic Research Service, December 1991.

FARM BALANCE SHEET: TENNESSEE, DECEMBER 31, 1986-1990[1]

Item	1986	1987	1988	1989	1990
			Million Dollars		
Total Farm Assets	17,968.5	18,973.7	19,320.7	19,765.3	**19,676.1**
Real Estate	12,416.2	12,882.7	12,904.6	12,840.7	**12,535.3**
Livestock and Poultry	881.0	1,128.1	1,219.9	1,267.4	**1,319.4**
Machinery and Motor Vehicles	1,914.8	1,929.5	1,992.5	2,099.7	**2,115.5**
Crops[2]	241.8	275.1	293.8	383.9	**346.3**
Purchased Inputs	24.2	28.5	32.0	30.0	**34.0**
Household Equipment & Furnishings	1,029.1	1,121.0	1,191.0	1,416.7	**1,505.6**
Investments in Cooperatives	524.1	603.0	627.2	672.2	**745.2**
Other Financial	937.4	1,005.7	1,059.6	1,054.7	**1,074.8**
Total Farm Debt	2,458.7	2,278.7	2,217.5	2,159.8	**2,154.6**
Real Estate Debt[3]	1,371.5	1,279.9	1,230.0	1,200.0	**1,257.3**
Nonreal Estate Debt[4]	1,087.2	998.8	987.5	959.8	**897.3**
Equity	15,509.8	16,695.0	17,103.3	17,605.6	**17,521.5**
			Percent		
Ratios					
Equity/Assets	86.3	88.0	88.5	89.1	**89.0**
Debt/Equity	15.9	13.6	13.0	12.3	**12.3**
Debt/Assets	13.7	12.0	11.5	10.9	**11.0**

[1] Includes operator households. Data are for farms with sales of $1000 or more annually. [2] All crops held on farms including value above loan rates for crops held under CCC. [3] Includes CCC storage and drying facilities loans. [4] Includes debt owed to both institutional and noninstitutional lenders.
Source: "Economic Indicators of the Farm Sector," State Financial Summary, 1990, USDA, Economic Research Service, December 1991.

FARM REAL ESTATE: TENNESSEE, 1981-1992

Year	Value of Land and Buildings			Gross Cash Rent Per Acre		
	Average Per Acre	Average Per Farm	Total	Farms	Cropland	Pasture
	Dollars		Million Dollars	Dollars		
1981	1,070	152,100	14,445	43.80	50.90	[1]
1982	1,040	146,700	13,936	45.00	54.60	[1]
1983	1,014	143,000	13,588	40.50	47.90	[1]
1984	1,024	144,402	13,718	44.20	50.70	[1]
1985	944	133,159	12,650	35.40	45.80	23.50
1986	935	132,174	12,160	41.20	47.40	23.60
1987	936	129,563	11,790	34.90	39.90	21.60
1988	1,001	138,600	12,613	34.70	46.60	22.70
1989	1,002	138,738	12,625	39.10	46.80	26.40
1990	996	138,769	12,350	37.40	46.00	26.90
1991[2]	988	140,818	12,251	37.30	51.20	25.20
1992[3]	**985**	**140,451**	**12,219**	**35.50**	**48.80**	**23.50**

[1] Not Available.

[2] Revised.

[3] Preliminary.

Source: "Agricultural Resources Situation and Outlook Report," USDA, Economic Research Service, June 1992.

REAL ESTATE TAXES: TAXES LEVIED ON FARM REAL ESTATE, TENNESSEE, 1981-1990

Year	Total	Average Per Acre	Average Taxes Per $100 of Full Value
	Million Dollars	Dollars	Dollars
1981	41.9	3.35	.33
1982	41.9	3.39	.36
1983	43.6	3.52	.36
1984	44.5	3.60	.36
1985	46.0	3.72	.40
1986	45.9	3.84	.41
1987	46.1	3.97	.42
1988	47.1	4.06	.41
1989	46.2	3.98	.40
1990	**48.6**	**4.18**	**.42**

Source: "Agricultural Resources Situation and Outlook Report," USDA, Economic Research Service, June 1992.

INDEX OF PRICES RECEIVED BY TENNESSEE FARMERS, 1982-1991
1977 = 100

ALL CROPS INDEX
Annual

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
1982	111	112	112	114	114	113	111	107	104	103	106	106	109
1983	105	108	109	114	114	114	118	131	134	131	132	130	120
1984	128	121	130	133	135	134	124	122	119	114	112	111	124
1985	124	111	112	112	111	111	108	104	101	100	97	99	108
1986	100	99	100	100	101	100	97	95	90	91	92	92	96
1987	90	90	91	92	95	97	96	95	95	96	99	103	95
1988	101	101	104	107	112	120	126	122	121	117	117	119	114
1989	120	119	121	118	118	116	114	110	105	108	109	109	114
1990	112	115	107	114	115	114	114	113	112	114	109	110	112
1991	112	115	111	112	111	110	109	111	110	108	108	107	110

ALL LIVESTOCK INDEX
Annual

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
1982	138	143	143	145	146	144	145	147	144	141	141	139	143
1983	145	151	150	148	146	144	140	137	136	136	136	140	142
1984	144	148	149	147	142	142	145	142	140	137	142	143	143
1985	145	144	143	143	140	139	132	133	133	134	137	134	138
1986	135	135	135	129	129	133	140	145	147	144	142	143	138
1987	146	149	150	154	152	159	159	163	163	157	152	151	155
1988	154	158	160	155	157	147	148	158	156	160	156	161	156
1989	166	165	165	157	155	163	162	170	168	170	172	173	166
1990	177	178	178	178	184	180	185	184	177	174	171	175	178
1991	167	172	171	168	177	171	179	178	173	166	163	159	170

ALL FARM PRODUCTS INDEX
Annual

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
1982	125	128	128	130	131	129	129	128	125	123	124	123	127
1983	126	130	130	132	131	130	130	134	135	134	134	135	132
1984	136	135	140	140	139	136	133	132	130	126	128	128	134
1985	128	128	128	129	126	126	121	119	118	118	118	117	123
1986	118	118	118	115	115	117	119	121	119	118	118	119	118
1987	119	121	122	124	125	129	129	131	131	128	127	128	126
1988	129	131	133	132	136	135	138	141	139	139	138	141	136
1989	144	143	144	138	137	140	139	141	138	140	142	143	141
1990	146	148	144	147	151	148	151	150	146	144	141	144	147
1991	140	145	142	141	145	142	145	146	143	138	137	134	142

STATES RANKING AND PRODUCTION OF FIELD CROPS 1991

Soybeans

Rank	State	Production (1,000 Bushels)
1	IOWA	350,325
2	ILLINOIS	341,250
3	MINNESOTA	195,275
4	INDIANA	172,770
5	OHIO	135,720
6	MISSOURI	135,115
7	ARKANSAS	89,600
8	NEBRASKA	82,410
9	SOUTH DAKOTA	58,320
10	MICHIGAN	52,820
11	MISSISSIPPI	46,800
12	KANSAS	43,700
13	NORTH CAROLINA	38,645
14	KENTUCKY	36,725
15	**TENNESSEE**	**31,500**
16	LOUISIANA	27,550
17	WISCONSIN	23,100
18	NORTH DAKOTA	19,215
19	MARYLAND	17,000
20	GEORGIA	15,930
21	VIRGINIA	14,500
22	SOUTH CAROLINA	13,860
23	PENNSYLVANIA	9,900
24	DELAWARE	8,750
25	ALABAMA	8,050
26	OKLAHOMA	5,875
27	TEXAS	5,270
28	NEW JERSEY	4,428
29	FLORIDA	1,161

Tobacco

Rank	State	Production (1,000 Pounds)
1	NORTH CAROLINA	634,655
2	KENTUCKY	479,794
3	**TENNESSEE**	**121,524**
4	VIRGINIA	116,849
5	SOUTH CAROLINA	111,180
6	GEORGIA	80,600
7	OHIO	22,776
8	PENNSYLVANIA	20,765
9	INDIANA	18,920
10	FLORIDA	15,312
11	WISCONSIN	14,338
12	MARYLAND	12,900
13	MISSOURI	6,825
14	WEST VIRGINIA	3,420
15	CONNECTICUT	2,831
16	MASSACHUSETTS	775

Winter Wheat

Rank	State	Production (1,000 Bushels)
1	KANSAS	363,000
2	OKLAHOMA	140,000
3	TEXAS	84,000
4	MONTANA	72,000
5	COLORADO	71,300
6	NEBRASKA	67,200
7	OHIO	52,920
8	IDAHO	49,000
9	MISSOURI	48,000
10	SOUTH DAKOTA	45,500
11	ILLINOIS	44,800
12	OREGON	41,600
13	WASHINGTON	40,600
14	CALIFORNIA	32,800
15	INDIANA	28,800
16	MICHIGAN	24,080
17	ARKANSAS	20,460
18	NORTH CAROLINA	19,200
19	GEORGIA	14,025
20	VIRGINIA	12,250
21	KENTUCKY	10,800
22	MARYLAND	9,750
23	SOUTH CAROLINA	8,525
24	NEW MEXICO	8,000
25	PENNSYLVANIA	7,700
26	**TENNESSEE**	**7,680**
27	WISCONSIN	5,880
28	WYOMING	5,510
29	NEW YORK	5,390
30	UTAH	4,680
31	MISSISSIPPI	4,500
32	LOUISANIA	3,800
33	DELAWARE	3,551
34	NORTH DAKOTA	2,970
35	ARIZONA	2,900
36	ALABAMA	2,750
37	MINNESOTA	1,980
38	IOWA	1,700
39	NEW JERSEY	1,196
40	FLORIDA	575
41	WEST VIRGINIA	450
42	NEVADA	360

STATES RANKING AND PRODUCTION OF FIELD CROPS 1991

Corn For Grain

Rank	State	Production (1,000 Bushels)
1	IOWA	1,427,400
2	ILLINOIS	1,177,000
3	NEBRASKA	990,600
4	MINNESOTA	720,000
5	INDIANA	510,600
6	WISCONSIN	380,800
7	OHIO	326,400
8	MICHIGAN	253,000
9	SOUTH DAKOTA	240,500
10	MISSOURI	213,400
11	KANSAS	206,250
12	TEXAS	165,000
13	COLORADO	128,520
14	KENTUCKY	111,250
15	NORTH CAROLINA	85,500
16	NEW YORK	64,680
17	PENNSYLVANIA	64,500
18	GEORGIA	55,000
19	NORTH DAKOTA	51,300
20	**TENNESSEE**	**43,860**
21	MARYLAND	42,750
22	VIRGINIA	28,140
23	SOUTH CAROLINA	21,675
24	LOUISIANA	20,995
25	CALIFORNIA	18,400
26	DELAWARE	17,914
27	ALABAMA	16,800
28	WASHINGTON	15,840
29	MISSISSIPPI	11,250
30	NEW MEXICO	9,900
31	OKLAHOMA	9,350
32	NEW JERSEY	8,470
33	ARKANSAS	8,000
34	IDAHO	7,875
35	WYOMING	5,831
36	FLORIDA	5,100
37	UTAH	2,940
38	WEST VIRGINIA	2,850
39	OREGON	2,190
40	MONTANA	1,800
41	ARIZONA	850

Cotton

Rank	State	Production (1,000 Bales[1])
1	TEXAS	4,710.0
2	CALIFORNIA	2,548.0
3	MISSISSIPPI	2,275.0
4	ARKANSAS	1,576.0
5	LOUISIANA	1,414.0
6	ARIZONA	898.0
7	GEORGIA	722.0
8	**TENNESSEE**	**701.0**
9	NORTH CAROLINA	640.0
10	ALABAMA	553.0
11	MISSOURI	429.0
12	SOUTH CAROLINA	344.0
13	OKLAHOMA	240.0
14	FLORIDA	73.4
15	NEW MEXICO	63.0
16	VIRGINIA	28.2
17	KANSAS	1.3

Sorghum For Grain

Rank	State	Production (1,000 Bushels)
1	TEXAS	176,900
2	KANSAS	176,400
3	NEBRASKA	85,800
4	MISSOURI	37,440
5	ARKANSAS	15,390
6	ILLINOIS	13,840
7	OKLAHOMA	13,500
8	SOUTH DAKOTA	13,020
9	COLORADO	10,800
10	NEW MEXICO	10,200
11	LOUISIANA	10,120
12	MISSISSIPPI	4,340
13	**TENNESSEE**	**4,225**
14	GEORGIA	2,500
15	KENTUCKY	2,044
16	ALABAMA	1,265
17	NORTH CAROLINA	1,250
18	SOUTH CAROLINA	456

[1] Production is in 480 pound net weight bales.

STATES RANKING AND NUMBERS OF LIVESTOCK, JANUARY 1, 1992

	All Cattle and Calves 1,000 Head		Beef Cows 1,000 Head		Milk Cows 1,000 Head	
Rank	State	Number	State	Number	State	Number
1	Texas	13,600	Texas	5,475	Wisconsin	1,675
2	Nebraska	5,800	Missouri	2,050	California	1,160
3	Kansas	5,650	Oklahoma	1,921	New York	755
4	Oklahoma	5,500	Nebraska	1,750	Minnesota	675
5	Missouri	4,550	South Dakota	1,508	Pennsylvania	673
6	California	4,500	Montana	1,466	Texas	375
7	Iowa	4,450	Kansas	1,335	Michigan	338
8	Wisconsin	4,000	Iowa	1,117	Ohio	330
9	South Dakota	3,550	Kentucky	1,110	Iowa	303
10	Colorado	2,950	Florida	1,076	Washington	238
11	Minnesota	2,800	**Tennessee**	**975**	Missouri	220
12	Kentucky	2,580	North Dakota	880	**Tennessee**	**195**
13	Montana	2,550	Arkansas	872	Kentucky	190
14	**Tennessee**	**2,290**	Alabama	867	Illinois	189
15	Illinois	1,980	California	850	Florida	179
16	Florida	1,940	Colorado	823	Idaho	178
17	Pennsylvania	1,870	Virginia	720	Vermont	163
18	North Dakota	1,850	Mississippi	700	Indiana	145
19	Alabama	1,800	Wyoming	691	Virginia	140
20	Idaho	1,760	Georgia	685	South Dakota	132
21	Virginia	1,750	Oregon	590	Georgia	105
22	Arkansas	1,710	Illinois	571	Maryland	102
23	Ohio	1,600	Idaho	552	Nebraska	100
24	New York	1,560	Louisiana	551	Oregon	100
25	Georgia	1,470	New Mexico	537	Oklahoma	99
26	Washington	1,450	North Carolina	417	North Carolina	98
27	Oregon	1,420	Washington	402	Arizona	96
28	New Mexico	1,400	Indiana	380	Kansas	95
29	Mississippi	1,350	Minnesota	375	New Mexico	93
30	Wyoming	1,320	Ohio	370	North Dakota	80
31	Indiana	1,280	Utah	324	Louisiana	79
32	Michigan	1,200	Nevada	297	Colorado	77
33	Louisiana	1,000	South Carolina	287	Utah	76
34	North Carolina	1,000	Arizona	279	Arkansas	69
35	Arizona	900	West Virginia	272	Mississippi	60
36	Utah	800	Pennsylvania	207	Alabama	43
37	South Carolina	600	Wisconsin	175	Maine	41
38	Nevada	570	Michigan	106	Connecticut	33
39	West Virginia	550	Hawaii	77	South Carolina	33
40	Maryland	315	New York	70	Massachusetts	30
41	Vermont	275	Maryland	55	New Jersey	25
42	Hawaii	200	Maine	17	Montana	24
43	Maine	114	Vermont	12	West Virginia	23
44	Connecticut	73	New Jersey	12	New Hampshire	21
45	Massachusetts	70	Massachusetts	11	Nevada	18
46	New Jersey	70	Connecticut	6	Hawaii	10
47	New Hampshire	46	Delaware	4	Wyoming	9
48	Delaware	31	New Hampshire	3	Delaware	9
49	Alaska	8.5	Alaska	2.7	Rhode Island	2.2
50	Rhode Island	7	Rhode Island	1.3	Alaska	.8

STATES RANKING AND NUMBERS OF LIVESTOCK, DECEMBER 1, 1991

	All Hogs and Pigs 1,000 Head		Hogs for Breeding 1,000 Head		Market Hogs 1,000 Head	
Rank	State	Number	State	Number	State	Number
1	Iowa	14,800	Iowa	1,800	Iowa	13,000
2	Illinois	5,800	Illinois	740	Illinois	5,060
3	Minnesota	4,900	Minnesota	590	Minnesota	4,310
4	Indiana	4,550	Indiana	550	Indiana	4,000
5	Nebraska	4,400	Nebraska	540	Nebraska	3,860
6	North Carolina	3,550	North Carolina	430	North Carolina	3,120
7	Missouri	2,650	Missouri	375	Missouri	2,275
8	South Dakota	1,950	South Dakota	260	South Dakota	1,690
9	Ohio	1,875	Ohio	225	Ohio	1,650
10	Kansas	1,400	Michigan	175	Kansas	1,230
11	Michigan	1,270	Wisconsin	170	Michigan	1,095
12	Wisconsin	1,180	Kansas	170	Wisconsin	1,010
13	Georgia	1,130	Georgia	160	Georgia	970
14	Kentucky	950	Kentucky	135	Pennsylvania	820
15	Pennsylvania	920	Arkansas	110	Kentucky	815
16	Arkansas	760	Pennsylvania	100	Arkansas	650
17	**Tennessee**	**670**	**Tennessee**	**90**	**Tennessee**	**580**
18	Texas	500	Texas	80	Texas	420
19	Colorado	410	Alabama	65	Colorado	365
20	Virginia	410	South Carolina	59	Virginia	362
21	South Carolina	405	Virginia	48	South Carolina	346
22	Alabama	375	Colorado	45	Alabama	310
23	North Dakota	290	North Dakota	37	North Dakota	253
24	Montana	225	Oklahoma	34	Montana	199
25	California	215	Maryland	30	California	186
26	Oklahoma	190	California	29	Oklahoma	156
27	Maryland	175	Montana	26	Maryland	145
28	Mississippi	149	Florida	24	Mississippi	127
29	Florida	135	Mississippi	22	Florida	111
30	Arizona	100	New York	14	Arizona	88
31	New York	98	Arizona	12	New York	84
32	Oregon	75	Oregon	11	Oregon	64
33	Louisiana	60	Louisiana	10	Washington	51
34	Washington	58	Idaho	7	Louisiana	50
35	Idaho	52	Washington	7	Idaho	45
36	Delaware	39	West Virginia	6	Delaware	35
37	Utah	38	Hawaii	6	Utah	33
38	West Virginia	34	Utah	5	West Virginia	28
39	Hawaii	34	Massachusetts	5	Hawaii	28
40	Massachusetts	29	New Mexico	4	Massachusetts	24
41	New Jersey	24	Delaware	4	New Jersey	22
42	Wyoming	24	Wyoming	3	Wyoming	21
43	New Mexico	24	New Jersey	2.3	New Mexico	20
44	Nevada	13	Nevada	2	Nevada	11
45	Maine	9.2	Maine	1.7	New Hampshire	7.5
46	New Hamphire	9	New Hampshire	1.5	Maine	7.5
47	Connecticut	7	Connecticut	1.1	Connecticut	5.9
48	Rhode Island	6	Vermont	.9	Rhode Island	5.3
49	Vermont	5.2	Rhode Island	.7	Vermont	4.3
50	Alaska	1.4	Alaska	.4	Alaska	1

Crops

CROP SUMMARY: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1990-1991

Crop	Unit	1990				1991			
		Acreage Harvested	Yield Per Acre	Production		Acreage Harvested	Yield Per Acre	Production	
				Total	Value			Total	Value
		1,000		1,000	$1,000	1,000		1,000	$1,000
Corn for Grain	Bu.	510	86.0	43,860	106,580	510	86.0	43,860	109,650
Corn for Silage	Tons.	100	16.0	1,600	---	105	17.0	1,785	—
Cotton, Lint	Lbs.[1]	515	461	495	156,341	610	552	701	181,026
Cottonseed	Tons.	---	---	192	21,504	—	—	277	17,313
Hay, All	Tons.	1,500	2.17	3,255	159,338	1,650	1.98	3,263	166,241
Alfalfa Hay	Tons.	70	3.60	252	25,704	80	3.50	280	26,040
All Other Hay	Tons.	1,430	2.10	3,003	133,634	1,570	1.90	2,983	140,201
Grain Sorghum	Cwt.	55	77.0	4,235	9,571	65	65.0	4,225	9,929
Sorghum Silage	Tons.	3	14.0	42	---	7	13.0	91	—
Soybeans	Bu.	1,250	27.0	33,750	200,813	1,050	30.0	31,500	181,125
Tobacco, All	Lbs.	53.59	2,094	112,218	200,039	61.73	1,969	121,524	222,837
E. Dark-Fired (22)	Lbs.	6.60	2,305	15,213	30,274	6.60	2,100	13,860	29,827
W. Dark-Fired (23)	Lbs.	0.49	2,500	1,225	2,328	0.52	2,200	1,144	2,412
Burley (31)	Lbs.	46.00	2,060	94,760	165,546	54.00	1,950	105,300	188,382
One-Sucker (35)	Lbs.	0.50	2,040	1,020	1,891	0.61	2,000	1,220	2,216
Winter Wheat	Bu.	490	36.0	17,640	53,449	320	24.0	7,680	21,504
Apples (Having Value)	Lbs.	---	---	7,700	1,380	—	—	11,700	2,059
Peaches (Having Value)	Lbs.	---	---	1,100	407	—	—	5,800	1,740
Floriculture	---	---	---	---	20,352	—	—	—	20,826
Snap Beans, Processing	Tons.	5.0	1.78	8.9	2,047	5.0	1.30	6.5	1,992
Tomatoes, Fresh Market	Cwt.	4.3	200	860	20,640	4.7	180	846	17,706

[1] Cotton production is in 480 pound net weight bales.

TENNESSEE COUNTIES RANKED BY PRODUCTION OF FIELD CROPS, 1991 [1/]

Rank	Soybeans	Tobacco	Wheat	Corn	Cotton	Sorghum
1	Dyer	Greene	Robertson	Obion	Haywood	Dyer
2	Obion	Robertson	Obion	Weakley	Crockett	Gibson
3	Lauderdale	Sumner	Dyer	Gibson	Tipton	Weakley
4	Gibson	Montgomery	Gibson	Henry	Gibson	Fayette
5	Tipton	Macon	Weakley	Robertson	Lauderdale	Haywood
6	Weakley	Washington	Montgomery	Franklin	Madison	Obion
7	Lake	Claiborne	Lauderdale	Carroll	Fayette	Hardeman
8	Shelby	Hawkins	Henry	Montgomery	Dyer	Tipton
9	Haywood	Smith	Tipton	Lake	Shelby	Crockett
10	Fayette	Grainger	Lincoln	Dyer	Hardeman	Lauderdale
11	Henry	Sullivan	Shelby	Coffee	Carroll	Lake
12	Robertson	Johnson	Franklin	Henderson	Lake	Chester
13	McNairy	Cocke	Lake	Lincoln	Obion	Carroll
14	Montgomery	Jefferson	Bedford	Giles	Chester	Henderson
15	Franklin	Trousdale	Sumner	Bedford	Franklin	McNairy
16	Crockett	Hancock	Haywood	Lawrence	Lincoln	Hardin
17	Hardin	Maury	Coffee	Lauderdale	McNairy	Shelby
18	Madison	Williamson	Williamson	Fayette	Rutherford	Decatur
19	Carroll	Clay	Rutherford	Warren	Henderson	Lawrence
20	Lincoln	Jackson	Fayette	McNairy	Lawrence	Maury

Rank	Alfalfa Hay	All Other Hay
1	Greene	Greene
2	Franklin	Maury
3	Washington	Lincoln
4	Rutherford	Giles
5	Jefferson	Williamson
6	Robertson	Rutherford
7	Williamson	Washington
8	Sullivan	Wilson
9	McMinn	Robertson
10	Maury	Sumner
11	Monroe	Warren
12	Sumner	Marshall
13	Marshall	McMinn
14	Blount	Bedford
15	Henry	Blount
16	Coffee	Jefferson
17	Weakley	Hawkins
18	Hawkins	Lawrence
19	Bradley	Claiborne
20	Obion	White

[1/] If tied, ranked by harvested acreage.

TENNESSEE COUNTIES RANKED BY INVENTORY OF LIVESTOCK, 1992

Rank	Cattle	Beef Cows	Milk Cows	Hogs[2]	Breeding Hogs[2]
1	Greene	Maury	Greene	Weakley	Weakley
2	Maury	Giles[1]	McMinn	Henderson	Henderson
3	Lincoln	Lincoln[1]	Washington	Obion	Franklin
4	Giles	Greene	Lincoln	Gibson	Fayette[1]
5	Robertson	Wilson[1]	Marshall	Fayette[1]	Lawrence[1]
6	Washington	Bedford[1]	Rutherford	Franklin[1]	McNairy
7	Rutherford	Robertson[1]	Bedford	McNairy	Obion
8	Wilson	Sumner[1]	Warren	Decatur[1]	Giles
9	Bedford	Williamson	Giles	Lawrence[1]	Decatur
10	Williamson	Rutherford	Lawrence[1]	Henry	Gibson
11	Lawrence	Lawrence	Monroe[1]	Carroll[1]	Robertson
12	Marshall	Washington	White	Hardin[1]	Lincoln
13	Sumner	Montgomery	Robertson	Giles	Cannon[1]
14	McMinn	Smith	Coffee[1]	Robertson	Carroll[1]
15	Blount	Claiborne	Maury[1]	Hickman	Henry[1]
16	Jefferson	Hawkins	Bradley	Cannon[1]	Hardin
17	Warren	Warren[1]	Franklin	Chester[1]	Hickman[1]
18	Claiborne[1]	Jefferson[1]	Williamson	Lincoln[1]	White[1]
19	White[1]	Blount[1]	Loudon	Coffee	Montgomery[1]
20	Hawkins	Marshall[1]	Jefferson	Wayne	Wayne[1]

[1] If tied, ranked in alphabethic order. [2] December, previous year.

TENNESSEE CROPS: RECORD HIGHS AND LOWS

Record High

Crop	Unit	Year	Acreage Harvested	Year	Yield Per Acre	Year	Production	Year Records Began
			1,000				1,000	
Corn for grain	Bu.	1920	3,375	1989	107	1985	79,380	1919
Corn for silage	Tons	1973	170	1991	17	1976	2,560	1919
Cotton	Bales	1925	1,146	1987	700[1]	1991	700	1866
Hay:								
All hay	Tons	1943	1,997	1990	2.17	1989	3,499	1908
Alfalfa	Tons	1958	188	1985	3.80	1963	408	1919
Grain sorghum	Bu.	1985	465	1985	80	1985	37,200	1949
Sorghum silage	Tons	1955	35	1990	14	1955	315	1929
Soybeans	Bu.	1979	2,620	1985	31	1979	70,740	1924
Tobacco:								
All tobacco	Lbs.	1930	162	1972	2,172	1982	178,117	1866
E. Dark-fired (22)	Lbs.	1923	76	1988	2,385	1931	61,500	1919
W. Dark-fired (23)	Lbs.	1919	30	1990	2,500	1919	24,450	1919
Burley (31)	Lbs.	1952	89	1972	2,245	1982	148,580	1919
One sucker (35)	Lbs.	1919	22	1984	2,135	1919	18,150	1919
Winter wheat	Bu.	1981	850	1988	50	1981	37,400	1866
Fruits & vegetables:								
Apples	Lbs.	N/A	N/A	N/A	N/A	1941	26,900	1934
Peaches	Lbs.	N/A	N/A	N/A	N/A	1912	137,600	1909
Snap beans, processed	Tons	1973	16.7	1982	2.59	1975	31.9	1918
Tomatoes, fresh market	Cwt.	1928	9	1985	280	1985	1,120	1918

Record Low

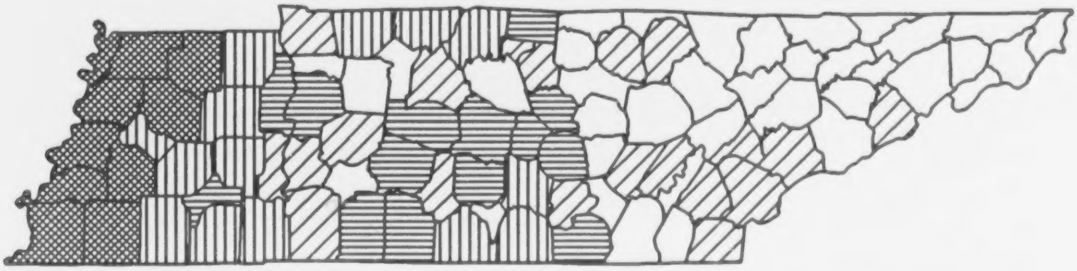
Crop	Unit	Year	Acreage Harvested	Year	Yield Per Acre	Year	Production	Year Records Began
			1,000				1,000	
Corn for grain	Bu.	1983	480	1930	14	1983	23,040	1919
Corn for silage	Tons	1934	12	1930	3.5	1932	72	1919
Cotton	Bales	1983	215	1923	103[1]	1967	145	1866
Hay:								
All hay	Tons	1914	893	1930	.63	1911	699	1908
Alfalfa	Tons	1924	15	1930	1.15	1925	19	1919
Grain sorghum	Bu.	1949	5	1954	17	1949	115	1949
Sorghum silage	Tons	1932	2	1930	4.5	1932	13	1929
Soybeans	Bu.	1925	8	1935	6.5	1925	60	1924
Tobacco:								
All tobacco	Lbs.	1874	21	1874	300	1874	6,300	1866
E. Dark-fired (22)	Lbs.	1987	5.5	1920	744	1987	11,935	1919
W. Dark-fired (23)	Lbs.	1973	.42	1930	700	1974	607	1919
Burley (31)	Lbs.	1921	9.3	1925	700	1921	7,347	1919
One sucker (35)	Lbs.	1988	.48	1925	670	1989	870	1919
Winter wheat	Bu.	1962	107	1885	3	1866	2,008	1866
Fruits & vegetables:								
Apples	Lbs.	N/A	N/A	N/A	N/A	1955	2,700	1934
Peaches	Lbs.	N/A	N/A	N/A	N/A	1985	0	1909
Snap beans, processed	Tons	1919	.12	1941	.8	1921	.3	1918
Tomatoes, fresh market	Cwt.	1919	1.5	1953	40	1921	82	1918

Note: If acreage, yield or production is identical for more than one year, then the most recent year is shown. N/A: Not Available.

[1] Yield per acre is in pounds.

Soybeans

EXCELLENT SOYBEAN YIELD ON FEWER ACRES



SOYBEAN PRODUCTION

TOP FIVE COUNTIES

1. DYER	3,960,000
2. OBION	3,580,000
3. LAUDERDALE	2,570,000
4. GIBSON	2,315,000
5. TIPTON	1,890,000

BUSHELS

▩	**1,000,000 AND OVER**
▥	**250,000–999,999**
▤	**100,000–249,999**
▨	**20,000–99,999**
☐	**UNDER 20,000**

Tennessee's 1991 soybean acreage fell to the lowest level since 1966, with 1.05 million acres harvested, 16 percent below 1990. Production totaled 31.5 million bushels, down 7 percent from 1990. The average yield was 30 bushels per acre, only one bushel below the record set in 1985 and 5 bushels above the five-year average. Wet soils kept farmers from planting their crop on time. Hot, dry weather prevailed during the crucial pod-setting and filling stages. However, ideal fall weather conditions followed and improved pod fill and size. This ideal weather allowed the late-planted crop to flourish. Similar to 1990, a very wet May resulted in farmers switching some intended corn acreage to soybeans. Harvest conditions were superb.

Soybeans, at $181.1 million, dropped to third place in the value rankings from first in 1990. Value of production dropped from $200.8 million in 1990. Soybean prices were, again, disappointing, averaging $5.75 per bushel, compared with $5.95 in 1990.

SOYBEANS: ACREAGE, PRODUCTION, AND VALUE, TENNESSEE, 1982-1991

Crop Year	Planted For All Purposes	Harvested For Beans	Yield Per Acre	Production For Beans	Marketing Year Average Price	Value of Grain Production
	1,000 Acres		Bushels	1,000 Bushels	Dollars Per Bushel	1,000 Dollars
1982	2,400	2,300	26.5	60,950	5.57	339,492
1983	2,020	1,970	16.0	31,520	7.96	250,899
1984	1,900	1,850	26.0	48,100	5.97	287,157
1985	1,500	1,460	31.0	45,260	5.08	229,921
1986	1,470	1,420	25.0	35,500	4.87	172,885
1987	1,300	1,250	23.0	28,750	5.61	161,288
1988	1,300	1,230	26.0	31,980	7.64	244,327
1989	1,300	1,240	24.0	29,760	5.99	178,262
1990	1,300	1,250	27.0	33,750	5.95	200,813
1991	1,100	1,050	30.0	31,500	5.75	181,125

SOYBEANS: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1982-1991[1]

Crop Year	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Marketing Year Average
1982	5.06	5.14	5.53	5.64	5.65	5.79	5.79	6.31	6.14	6.20	6.58	8.08	5.57
1983	8.74	8.12	7.99	8.01	7.75	6.95	8.00	8.00	8.19	8.16	6.79	6.59	7.96
1984	6.33	6.07	5.91	5.96	6.18	6.05	6.05	6.11	5.80	5.85	5.53	5.20	5.97
1985	5.05	4.93	5.00	5.04	5.37	5.35	5.27	5.41	5.39	5.31	5.19	5.24	5.08
1986	4.79	4.81	4.89	4.77	4.88	4.83	4.94	5.01	5.06	5.40	5.42	5.18	4.87
1987	5.15	5.18	5.46	5.84	6.01	6.18	6.23	6.59	7.30	8.14	8.88	8.34	5.61
1988	8.26	7.66	7.53	7.69	7.90	7.59	7.76	7.43	7.43	7.16	6.86	6.29	7.64
1989	5.76	6.01	5.97	6.02	6.02	5.84	5.92	6.07	6.21	6.02	6.12	6.17	5.99
1990	6.29	6.15	5.93	5.90	5.85	5.83	5.96	5.96	5.82	5.76	5.60	5.88	5.95
1991	5.80	5.69	5.64	5.62	5.80	5.83	5.93						5.75 [2]

[1] Marketing year is September 1 of the current year through the following August 31.

[2] Preliminary based on the first seven months of the marketing year.

SOYBEANS: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1986, 1987, AND 1988

District and County	Planted for All Purposes			Harvested For Beans			Yield Per Harvested Acre			Production For Beans		
	1986	1987	1988	1986	1987	1988	1986	1987	1988	1986	1987	1988
	Acres						Bushels					
Dyer	159,000	142,000	140,000	154,000	139,000	138,000	26	24	30	4,020,000	3,283,000	4,150,000
Lake	62,000	61,000	57,000	60,000	60,000	56,000	30	28	31	1,800,000	1,656,000	1,730,000
Lauderdale	106,000	100,000	95,000	103,000	97,000	93,000	25	26	30	2,580,000	2,520,000	2,830,000
Obion	106,000	100,000	108,000	104,000	99,000	106,000	32	27	30	3,280,000	2,648,000	3,200,000
Shelby	53,000	44,000	44,000	52,000	43,000	43,000	23	21	27	1,200,000	910,000	1,175,000
Tipton	94,000	82,000	86,000	92,000	81,000	85,000	24	25	28	2,218,000	2,026,000	2,400,000
District 10	580,000	529,000	530,000	565,000	519,000	521,000	27	25	30	15,098,000	13,043,000	15,485,000
Benton	6,000	5,200	5,500	5,600	4,900	5,400	22	24	27	123,000	116,000	145,000
Carroll	35,000	26,000	24,000	34,000	25,000	23,000	22	22	22	750,000	548,000	500,000
Chester	15,000	11,000	10,000	14,500	10,800	9,800	18	19	25	260,000	200,000	245,000
Crockett	26,000	24,000	25,000	25,500	23,000	24,500	20	22	27	510,000	503,000	650,000
Decatur	5,000	3,300	3,300	4,600	3,000	3,100	22	22	23	100,000	67,000	70,000
Fayette	60,000	50,000	53,500	59,000	48,000	52,500	22	20	25	1,300,000	965,000	1,310,000
Gibson	85,000	80,000	86,000	84,000	78,000	84,000	23	23	25	1,930,000	1,795,000	2,100,000
Hardeman	24,000	17,000	18,000	23,600	16,400	17,200	21	22	25	495,000	358,000	430,000
Hardin	31,000	23,500	24,000	30,000	22,500	23,000	19	19	24	570,000	430,000	550,000
Haywood	79,000	60,000	60,000	78,000	59,000	59,000	21	21	25	1,640,000	1,220,000	1,450,000
Henderson	22,000	17,000	17,700	21,500	16,200	17,300	24	21	24	515,000	348,000	410,000
Henry	31,000	30,000	32,000	30,000	28,800	24,500	25	21	22	750,000	615,000	550,000
McNairy	31,000	23,000	24,000	30,500	22,300	23,500	20	21	29	610,000	465,000	670,000
Madison	40,000	27,000	29,000	39,200	25,600	28,000	21	21	25	825,000	545,000	700,000
Weakley	61,000	59,000	58,000	60,000	57,500	56,200	25	23	24	1,500,000	1,300,000	1,336,000
District 20	551,000	456,000	470,000	540,000	441,000	451,000	22	21	25	11,878,000	9,475,000	11,116,000
Cheatham	2,800	2,200	2,200	2,600	2,000	1,900	29	26	24	75,000	52,000	46,000
Dickson	1,700	1,200	1,000	1,500	900	800	23	20	20	34,500	18,000	16,000
Hickman	4,500	4,200	4,500	4,100	3,800	4,000	27	27	20	110,000	101,000	80,000
Houston	600	1/	1/	500	1/	1/	25	1/	1/	12,500	1/	1/
Humphreys	5,800	5,600	6,000	5,600	5,400	5,600	29	29	26	161,000	158,000	145,000
Lawrence	17,000	12,000	13,000	16,000	10,800	11,100	30	22	20	480,000	240,000	220,000
Lewis	500	1/	1/	400	1/	1/	25	1/	1/	10,000	1/	1/
Montgomery	26,000	22,000	22,500	24,700	21,000	18,300	27	24	23	670,000	507,000	425,000
Perry	3,000	1,200	2,000	2,900	1,100	1,800	23	20	20	66,000	21,600	35,100
Robertson	44,000	39,000	29,000	43,000	38,000	25,500	27	25	19	1,170,000	955,000	490,000
Stewart	3,500	3,100	3,500	3,400	2,900	3,200	26	22	25	88,000	63,000	80,000
Wayne	4,600	2,900	3,500	4,300	2,700	3,300	23	21	22	99,000	57,000	73,000
Other 1/	--	600	800	--	400	500	--	24	20	--	9,400	9,900
District 30	114,000	94,000	88,000	109,000	89,000	76,000	27	25	21	2,976,000	2,182,000	1,620,000

1/ Less than 500 acres planted for all purposes, combined with other counties.

SOYBEANS: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1986, 1987, AND 1988

District and County	Planted for All Purposes			Harvested For Beans			Yield Per Harvested Acre			Production For Beans		
	1986	1987	1988	1986	1987	1988	1986	1987	1988	1986	1987	1988
	Acres									Bushels		
Bedford	14,000	14,500	14,600	13,500	13,000	12,000	27	18	19	370,000	237,000	230,000
Cannon	6,000	7,700	8,500	5,900	7,200	7,700	25	19	20	150,000	134,000	154,000
Clay	1,600	1,600	1,400	1,200	1,100	1,100	28	25	21	33,000	28,000	23,000
Davidson	2,000	1,100	1,500	1,500	800	1,100	27	28	27	40,000	22,700	30,000
DeKalb	4,700	5,000	5,300	4,600	4,700	4,600	28	22	18	130,000	104,000	81,000
Giles	8,500	6,500	7,000	7,200	5,500	6,200	25	22	19	180,000	120,000	115,000
Jackson	1,000	700	700	800	500	500	25	27	19	20,000	13,500	9,500
Lincoln	22,000	23,000	21,000	20,300	21,100	20,000	29	19	20	590,000	410,000	390,000
Macon	4,500	4,000	4,000	4,100	3,800	3,200	26	22	21	105,000	82,000	67,000
Marshall	3,500	2,500	2,200	3,200	2,000	1,800	26	29	19	83,000	38,500	34,000
Maury	13,500	10,500	9,200	12,300	9,100	6,800	27	20	18	330,000	180,000	123,000
Moore	700	700	700	600	650	600	23	18	20	14,000	11,500	11,800
Rutherford	12,000	12,000	10,500	10,700	10,700	8,500	26	22	23	275,000	240,000	196,000
Smith	1,300	1,100	1,000	1,100	900	800	27	31	28	30,000	27,500	22,500
Sumner	13,000	12,000	12,500	12,000	11,500	10,300	26	25	17	310,000	288,000	175,000
Trousdale	600	700	800	500	550	600	26	26	20	13,000	14,300	12,000
Williamson	10,000	9,300	9,000	9,500	8,900	7,300	26	23	17	250,000	209,000	125,000
Wilson	1,100	1,100	1,100	1,000	1,000	900	23	17	18	23,000	17,000	16,200
District 40	120,000	114,000	111,000	110,000	103,000	94,000	27	21	19	2,946,000	2,177,000	1,815,000
Bledsoe	3,000	3,200	2,500	2,900	3,000	2,300	26	21	20	75,000	62,000	46,000
Coffee	19,300	21,000	18,300	18,800	20,500	16,300	30	17	19	565,000	340,000	310,000
Cumberland	2,500	2,300	2,200	2,300	2,100	2,000	25	22	23	57,000	46,000	46,000
Fentress	2,300	1,900	1,700	2,200	1,800	1,600	33	26	27	73,000	46,000	43,000
Franklin	25,500	26,000	27,000	25,200	25,300	25,500	30	20	23	756,000	494,000	590,000
Grundy	2,000	2,400	2,600	1,900	2,300	2,200	29	20	20	55,000	46,000	45,000
Marion	7,500	8,000	7,700	7,400	7,700	7,500	27	18	23	200,000	136,000	173,000
Morgan	1,000	1,000	1,000	800	800	800	33	26	25	26,500	21,000	20,000
Overton	1,000	800	800	900	700	700	31	24	25	28,000	16,500	17,500
Putnam	1,400	1,000	900	1,300	800	700	27	26	27	35,000	21,000	19,000
Sequatchie	1,200	1,100	800	1,000	1,000	700	21	20	25	21,000	19,700	17,600
Van Buren	500	1/	1/	400	1/	1/	29	1/	1/	11,500	1/	1/
Warren	9,000	10,400	10,100	8,700	9,700	8,700	22	16	18	195,000	158,000	160,000
White	3,800	2,600	2,000	3,200	2,100	1,700	24	24	25	77,000	50,000	41,800
Other 1/	--	300	400	--	200	300	--	24	24	--	4,800	7,100
District 50	80,000	82,000	78,000	77,000	78,000	71,000	28	19	22	2,175,000	1,461,000	1,536,000
Blount	4,000	4,000	2,700	3,000	3,000	1,800	25	17	21	74,000	51,000	38,000
Cocke	1,400	2,000	2,000	1,000	1,800	1,600	20	23	27	20,000	41,500	43,000
Grainger	500	1/	1/	250	1/	1/	23	1/	1/	5,700	1/	1/
Greene	1,200	1,000	1,100	700	700	800	21	29	22	15,000	20,500	17,600
Hamblen	700	700	600	600	600	500	30	30	27	18,000	18,000	13,500
Hamilton	1/	1/	500	1/	1/	300	1/	1/	28	1/	1/	8,300
Jefferson	1,000	1,000	1,000	700	700	700	22	19	21	15,400	13,000	16,800
Knox	800	500	500	600	450	300	20	14	20	12,000	6,500	6,300
Loudon	1,000	1,200	1,100	700	900	700	20	14	21	14,000	12,800	14,000
McMinn	1,700	800	900	1,100	500	600	13	20	24	14,000	9,800	12,800
Meigs	1,700	1,700	1,600	1,400	1,300	1,300	26	20	25	36,500	26,000	31,000
Monroe	6,600	7,300	6,400	5,800	6,700	5,200	23	22	21	132,000	150,000	130,000
Polk	1,000	1,300	1,200	700	1,000	900	21	16	25	15,000	16,000	19,000
Rhea	1,900	1,900	2,000	1,600	1,400	1,500	23	17	25	36,000	24,400	37,800
Other 1/	1,500	1,600	1,400	850	950	800	23	24	25	19,400	22,500	19,900
District 60	25,000	25,000	23,000	19,000	20,000	17,000	22	21	24	427,000	412,000	408,000
State	1,470,000	1,300,000	1,300,000	1,420,000	1,250,000	1,230,000	25	23	26	35,550,000	28,750,000	31,980,000

1/ Less than 500 acres planted for all purposes, combined with other counties

SOYBEANS: Farm Marketings By Months, Tennessee, 1981-1990

Crop Year	Year of Production				Following Year							
	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
	Percent											
1981	2	31	35	10	7	3	4	4	1	1	1	1
1982	1	34	20	8	9	7	8	5	3	2	2	1
1983	2	34	27	6	9	4	8	3	3	1	1	2
1984	1	6	43	18	8	4	8	5	2	3	1	1
1985	1	18	37	18	12	4	4	2	1	1	1	1
1986	3	18	17	24	13	7	5	6	3	2	1	1
1987	2	52	15	6	10	4	3	2	2	2	1	1
1988	1	28	29	15	15	2	4	1	2	1	1	1
1989	2	26	25	10	12	7	6	4	3	1	1	3
1990	1	20	36	7	11	7	6	4	1	2	2	3

SOYBEANS: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1989, 1990, AND 1991

District and County	Planted for All Purposes			Harvested For Beans			Yield Per Harvested Acre			Production For Beans		
	1989	1990	1991	1989	1990	1991	1989	1990	1991	1989	1990	1991
	Acres						Bushels					
Dyer	150,000	149,000	130,000	148,000	148,000	128,000	22	30	31	3,320,000	4,440,000	3,960,000
Lake	66,000	66,000	58,000	65,000	65,500	57,000	28	34	30	1,830,000	2,220,000	1,710,000
Lauderdale	97,000	99,000	86,000	93,000	97,000	83,000	25	28	31	2,335,000	2,670,000	2,570,000
Obion	114,000	120,000	103,000	113,000	119,000	101,000	26	35	35	2,935,000	4,158,000	3,580,000
Shelby	49,000	52,000	44,000	48,000	51,500	43,000	26	25	30	1,255,000	1,275,000	1,300,000
Tipton	89,000	84,000	68,000	88,000	82,000	65,000	21	26	29	1,825,000	2,130,000	1,890,000
District 10	565,000	570,000	489,000	555,000	563,000	477,000	24	30	31	13,500,000	16,893,000	15,010,000
Benton	4,800	5,000	5,000	4,700	4,900	4,800	26	23	25	120,000	112,000	120,000
Carroll	24,000	22,700	17,000	22,500	21,000	15,500	24	24	28	545,000	504,000	430,000
Chester	9,000	8,500	8,400	8,700	8,400	8,100	19	22	24	165,000	185,000	195,000
Crockett	25,000	26,000	16,500	23,500	24,000	15,200	24	25	29	555,000	602,000	440,000
Decatur	3,000	3,200	2,700	2,600	2,700	2,400	19	25	25	50,000	67,000	60,000
Fayette	55,000	52,000	44,000	54,100	51,300	43,400	23	20	25	1,235,000	1,030,000	1,085,000
Gibson	84,000	85,000	72,400	83,000	84,600	70,600	21	27	33	1,740,000	2,281,000	2,315,000
Hardeman	17,500	17,000	14,500	16,900	16,400	13,800	25	20	27	415,000	328,000	375,000
Hardin	19,200	20,500	19,000	16,600	18,500	17,500	19	20	25	310,000	362,000	435,000
Haywood	61,000	53,000	43,000	60,000	52,500	42,300	20	22	27	1,185,000	1,155,000	1,125,000
Henderson	14,500	14,600	11,000	14,000	14,100	10,400	25	26	28	350,000	365,000	290,000
Henry	32,000	33,500	29,000	30,500	32,300	27,800	26	30	30	780,000	980,000	840,000
McNairy	23,000	22,000	24,000	21,900	21,100	23,000	24	26	31	520,000	549,000	715,000
Madison	29,000	27,000	18,500	28,500	26,500	18,000	25	23	24	710,000	620,000	430,000
Weakley	64,000	70,000	60,000	62,500	69,700	58,200	24	28	30	1,520,000	1,920,000	1,745,000
District 20	465,000	460,000	385,000	450,000	448,000	371,000	23	25	29	10,200,000	11,060,000	10,600,000
Cheatham	1,500	1,100	700	1,300	800	500	34	33	28	44,000	26,300	14,000
Dickson	700	500	1/	500	400	1/	30	25	1/	15,000	10,000	1/
Hickman	3,800	3,300	2,600	3,500	3,000	2,400	24	23	27	85,000	69,000	65,000
Houston	1/	500	1/	1/	400	1/	1/	26	1/	1/	10,400	1/
Humphreys	6,000	4,900	5,500	5,700	4,500	5,200	32	27	26	185,000	121,000	135,000
Lawrence	12,000	11,700	9,500	10,000	10,100	8,500	26	19	25	260,000	190,000	210,000
Lewis	1/	800	1/	1/	700	1/	1/	19	1/	1/	13,300	1/
Montgomery	22,000	21,500	18,000	18,700	20,000	16,500	30	28	33	552,000	550,000	545,000
Perry	2,200	2,200	1,700	2,000	1,900	1,500	22	21	32	44,000	40,000	48,000
Robertson	31,000	31,300	26,500	29,900	29,400	24,400	30	25	34	900,000	722,000	820,000
Stewart	2,500	2,700	1,800	2,300	2,600	1,700	27	25	24	62,000	65,000	41,300
Wayne	2,700	2,500	1,800	2,600	2,200	1,600	27	15	27	71,000	33,000	43,000
Other 1/	600	0	900	500	0	700	24	--	27	12,000	0	18,700
District 30	85,000	83,000	69,000	77,000	76,000	63,000	29	24	31	2,230,000	1,850,000	1,940,000

1/ Less than 500 acres planted for all purposes, combined with other counties.

SOYBEANS: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1989, 1990, AND 1991

District and County	Planted for All Purposes			Harvested For Beans			Yield Per Harvested Acre			Production For Beans		
	1989	1990	1991	1989	1990	1991	1989	1990	1991	1989	1990	1991
	Acres						Bushels					
Bedford	14,600	14,600	10,000	12,600	12,600	9,300	26	25	26	330,000	315,000	240,000
Cannon	8,500	7,800	6,500	7,500	6,900	5,900	23	29	26	175,000	200,000	155,000
Clay	1,000	900	600	700	600	500	26	26	31	18,000	15,600	15,400
Davidson	1,500	1,400	1,200	1,200	1,100	1,000	21	28	27	25,000	31,000	27,000
DeKalb	4,000	4,400	4,900	3,300	4,000	4,600	21	25	28	70,000	100,000	130,000
Giles	5,600	6,800	5,800	4,900	6,500	5,400	25	25	32	122,000	163,000	172,000
Jackson	500	1/	1/	400	1/	1/	28	1/	1/	11,000	1/	1/
Lincoln	21,000	17,200	16,000	18,600	15,600	14,800	19	20	28	345,000	310,000	415,000
Macon	4,100	4,200	3,600	3,200	3,800	3,300	26	23	30	84,000	86,000	100,000
Marshall	1,500	2,000	1,100	1,200	1,700	1,000	25	23	26	30,000	38,700	26,000
Maury	8,000	8,300	6,600	6,500	7,200	5,600	28	24	32	185,000	175,000	180,000
Moore	500	600	1/	400	500	1/	15	23	1/	6,000	11,400	1/
Rutherford	8,700	8,700	7,000	7,500	7,700	6,400	21	22	27	160,000	170,000	175,000
Smith	800	1,400	1,200	600	1,200	1,100	25	31	37	15,000	37,000	40,800
Sumner	12,000	12,000	10,200	9,000	9,800	8,800	28	24	31	256,000	239,000	275,000
Trousdale	800	800	1,200	600	600	1,000	33	20	26	20,000	12,000	26,000
Williamson	6,100	6,000	4,800	5,200	5,600	4,300	27	25	31	140,000	140,000	134,000
Wilson	800	1/	1/	600	1/	1/	30	1/	1/	18,000	1/	1/
Other 1/	0	900	1,300	0	600	1,000	--	27	29	0	16,300	28,800
District 40	100,000	98,000	82,000	84,000	86,000	74,000	24	24	29	2,010,000	2,060,000	2,140,000
Bledsoe	2,600	3,000	2,000	2,400	2,700	1,800	26	24	27	62,000	64,100	49,000
Coffee	14,700	14,700	14,700	12,600	13,500	13,300	25	21	28	315,000	285,000	377,000
Cumberland	1,300	1,000	500	1,100	900	400	28	30	26	31,000	27,300	10,200
Fentress	1,300	800	1,000	1,200	700	900	30	29	28	36,000	20,400	25,500
Franklin	24,500	25,200	19,400	23,500	24,100	18,400	23	23	25	543,000	545,000	460,000
Grundy	2,600	2,700	2,100	2,400	2,500	1,900	23	26	28	55,000	64,000	53,000
Marion	6,500	8,300	6,200	6,100	7,900	5,900	21	24	24	126,000	190,000	139,000
Morgan	700	600	1/	500	400	1/	27	28	1/	13,500	11,200	1/
Overton	1,100	1,000	700	1,000	800	600	28	31	36	28,000	25,000	21,500
Putnam	600	600	800	500	300	500	24	35	32	12,000	10,500	16,000
Sequatchie	700	1,100	700	600	800	600	23	28	29	14,000	22,500	17,500
Warren	6,500	6,500	6,300	5,600	5,600	5,700	23	22	28	130,000	121,000	159,000
White	1,500	1,000	900	1,300	500	500	29	27	30	38,000	13,500	14,800
Other 1/	400	500	700	200	300	500	33	35	35	6,500	10,500	17,500
District 50	65,000	67,000	56,000	59,000	61,000	51,000	24	23	27	1,410,000	1,410,000	1,360,000
Blount	1,700	2,200	1,700	1,500	2,100	1,400	30	30	36	45,000	63,000	50,000
Bradley	600	900	500	300	400	300	25	35	32	7,500	14,000	9,600
Cocke	1,400	1,200	900	1,100	900	700	32	33	31	35,000	30,000	22,000
Grainger	1/	500	1/	1/	300	1/	1/	43	1/	1/	13,000	1/
Greene	1,400	1,600	1,000	1,000	1,200	700	25	28	28	25,000	33,600	19,600
Hamblen	800	800	600	600	700	500	28	32	39	17,000	22,400	19,700
Hamilton	1/	1/	700	1/	1/	600	1/	1/	27	1/	1/	16,000
Jefferson	800	1,000	700	600	800	500	28	30	30	17,000	24,000	15,200
Loudon	900	1,300	1,100	600	900	800	25	32	31	15,000	29,000	25,100
McMinn	700	900	1,500	500	600	1,000	32	28	35	16,000	16,800	35,000
Meigs	1,000	1,000	900	700	800	700	34	33	21	24,000	26,000	14,600
Monroe	5,300	4,100	2,500	4,300	2,700	1,900	23	24	32	100,000	65,000	61,000
Polk	1,600	1,800	2,500	1,400	1,600	1,900	30	36	34	42,400	58,000	64,000
Rhea	1,400	2,700	2,700	1,100	2,000	2,000	25	27	30	28,000	54,000	60,000
Other 1/	2,400	2,000	1,700	1,300	1,000	1,000	29	28	38	38,100	28,200	38,200
District 60	20,000	22,000	19,000	15,000	16,000	14,000	27	30	32	410,000	477,000	450,000
State	1,300,000	1,300,000	1,100,000	1,240,000	1,250,000	1,050,000	24	27	30	29,760,000	33,750,000	31,500,000

1/ Less than 500 acres planted for all purposes, combined with other counties

Tobacco

MOST BURLEY SINCE 1984

Burley tobacco growers harvested 54,000 acres in 1991, an increase of 8,000 acres or 17 percent over 1990. Growers expanded their acreage in response to the previous years's high yields and strong prices, and a 10 percent increase in the USDA effective marketing quota. Also, for the first time, producers were allowed to lease acreage across county lines. Burley production exceeded 100 million pounds for the first time since 1984, even though the crop yielded only 1,950 pounds per acre, down 110 pounds from 1990. Total burley production was 105.3 million pounds. Early in the season, excessive soil moisture forced growers to transplant later than normal. Burley yields suffered further due to disease problems, especially blue mold and black shank. Conditions improved during August and the crop yielded well above the five-year average of 1,785 pounds. Burley tobacco represented 87 percent of the total tobacco production in 1990 compared with 84 percent in 1990. Production of dark air-cured and dark fire-cured tobacco was 16.2 million pounds, down from 17.5 million in 1990.

For the first time since 1970, tobacco ranked as Tennessee's number one valued crop, at $222.8 million. The burley tobacco crop was worth $188.4 million while the dark types were valued at $34.4 million. Higher prices, the best overall on record, coupled with increased burley production were the reasons. Farmers received an average of $1.789 per pound for their burley compared with $1.747 for the 1990 crop.

ALL TOBACCO: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1982-1991

Crop Year	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average	Value of Production
		Pounds	1,000 Pounds	Dollars Per Pound	1,000 Dollars
1982	82,610	2,156	178,117	1.723	306,830
1983	72,910	1,621	118,197	1.797	212,428
1984	74,990	2,062	154,646	1.792	277,133
1985	61,710	2,065	127,403	1.571	200,189
1986	49,240	1,682	82,821	1.524	126,202
1987	49,440	1,766	87,291	1.551	135,421
1988	48,520	1,920	93,142	1.705	158,762
1989	45,500	1,754	79,820	1.731	138,200
1990	53,590	2,094	112,218	1.783	200,039
1991	61,730	1,969	121,524	1.834	222,837

AIR-CURED TOBACCO: FARM MARKETINGS, BY MONTHS, TENNESSEE, 1982-1991 [1]

Crop Year	Year of Production		Following Year	
	Nov.	Dec.	Jan.	Feb.
	Percent			
1982	41	45	14	0
1983	42	42	15	1
1984	50	36	14	0
1985	26	67	5	2
1986	29	61	10	0
1987	31	55	14	0
1988	50	33	17	0
1989	55	31	14	0
1990	49	37	14	0
1991	17	63	20	0

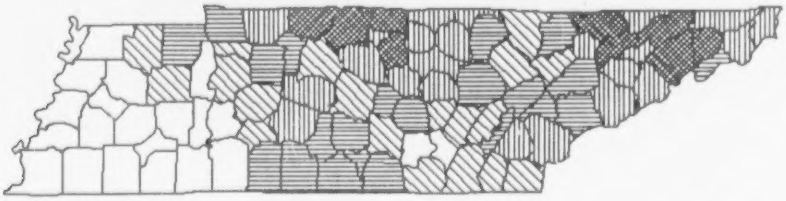
[1] Includes Type 31 (Burley) and Type 35 (Dark Air-Cured).

FIRE-CURED TOBACCO: FARM MARKETINGS, BY MONTHS, TENNESSEE, 1982-1991 [1]

Crop Year	Following Year			
	Jan.	Feb.	Mar.	Apr.
	Percent			
1982	24	68	8	0
1983	12	71	17	0
1984	10	59	31	0
1985	28	46	26	0
1986	40	50	10	0
1987	46	50	4	0
1988	27	73	0	0
1989	26	70	4	0
1990	49	50	1	0
1991	56	40	4	0

[1] Includes Type 22 (Eastern Dark) and Type 23 (Western Dark).

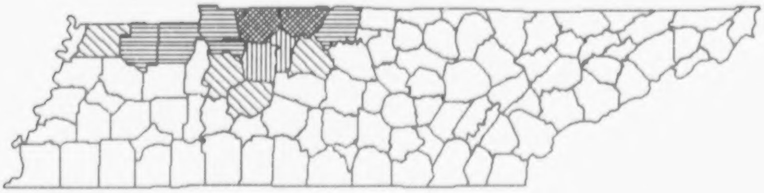
BURLEY TOBACCO: 1991 PRODUCTION


POUNDS
3,000,000 AND OVER
1,000,000–2,999,999
200,000–999,999
UNDER 200,000
NO PRODUCTION

BURLEY PRODUCTION

TOP FIVE COUNTIES	
1. GREENE	11,460,000
2. SUMNER	6,130,000
3. MACON	5,840,000
4. WASHINGTON	5,825,000
5. CLAIBORNE	5,500,000

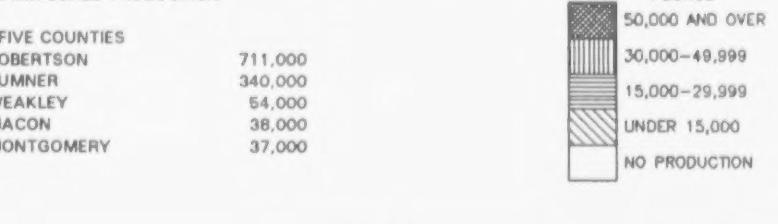
DARK FIRE-CURED: 1991 PRODUCTION


POUNDS
3,000,000 AND OVER
1,000,000–2,999,999
100,000–999,999
UNDER 100,000
NO PRODUCTION

DARK FIRE-CURED PRODUCTION

TOP FIVE COUNTIES	
1. ROBERTSON	6,383,000
2. MONTGOMERY	3,520,000
3. CHEATHAM	1,380,000
4. DICKSON	1,252,000
5. HENRY	936,500

DARK AIR-CURED: 1991 PRODUCTION


POUNDS
50,000 AND OVER
30,000–49,999
15,000–29,999
UNDER 15,000
NO PRODUCTION

DARK AIR-CURED PRODUCTION

TOP FIVE COUNTIES	
1. ROBERTSON	711,000
2. SUMNER	340,000
3. WEAKLEY	54,000
4. MACON	38,000
5. MONTGOMERY	37,000

TOBACCO, TYPE 22, EASTERN DARK-FIRED: ACREAGE, YIELD, PRODUCTION AND VALUE, 1982-91

Crop Year	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average Price	Value Of Production
		Pounds	1,000 Pounds	Dollars Per Pound	1,000 Dollars
1982	12,200	2,040	24,888	1.568	39,024
1983	10,800	1,540	16,632	1.844	30,669
1984	11,800	2,210	26,078	1.540	40,160
1985	10,800	2,210	23,868	1.522	36,327
1986	8,800	2,025	17,820	1.436	25,590
1987	5,500	2,170	11,935	1.559	18,607
1988	5,600	2,385	13,356	2.231	29,797
1989	6,500	1,920	12,480	2.033	25,372
1990	6,600	2,305	15,213	1.990	30,274
1991	**6,600**	**2,100**	**13,860**	**2.152**	**29,827**

TOBACCO, TYPE 23, WESTERN DARK-FIRED: ACREAGE, YIELD, PRODUCTION AND VALUE, 1982-91

1982	810	2,055	1,665	1.411	2,349
1983	810	1,355	1,098	1.809	1,986
1984	890	2,205	1,962	1.635	3,208
1985	810	2,180	1,766	1.450	2,561
1986	680	2,275	1,547	1.459	2,257
1987	460	2,350	1,081	1.505	1,627
1988	440	2,450	1,078	2.151	2,319
1989	500	2,220	1,110	1.942	2,156
1990	490	2,500	1,225	1.900	2,328
1991	**520**	**2,200**	**1,144**	**2.108**	**2,412**

TOBACCO, TYPE 31, BURLEY: ACREAGE, YIELD, PRODUCTION AND VALUE, 1982-1991

1982	68,000	2,185	148,580	1.761	261,649
1983	60,000	1,640	98,400	1.794	176,530
1984	61,000	2,030	123,830	1.858	230,076
1985	49,000	2,030	99,470	1.591	158,257
1986	39,000	1,590	62,010	1.557	96,550
1987	43,000	1,705	73,315	1.553	113,858
1988	42,000	1,850	77,700	1.608	124,942
1989	38,000	1,720	65,360	1.670	109,151
1990	46,000	2,060	94,760	1.747	165,546
1991	**54,000**	**1,950**	**105,300**	**1.789**	**188,382**

TOBACCO, TYPE 35, DARK AIR-CURED: ACREAGE, YIELD, PRODUCTION AND VALUE, 1982-1991

1982	1,600	1,865	2,984	1.276	3,808
1983	1,300	1,590	2,067	1.569	3,243
1984	1,300	2,135	2,776	1.329	3,689
1985	1,100	2,090	2,299	1.324	3,044
1986	760	1,900	1,444	1.250	1,805
1987	480	2,000	960	1.384	1,329
1988	480	2,100	1,008	1.690	1,704
1989	500	1,740	870	1.748	1,521
1990	500	2,040	1,020	1.854	1,891
1991	**610**	**2,000**	**1,220**	**1.816**	**2,216**

BURLEY TOBACCO, TYPE 31: PRICES RECEIVED BY FARMERS, BY MONTHS, 1982-1991[1]

Crop Year	November	December	January	February	Marketing Year Average Price
			Dollars Per Pound		
1982	1.783	1.747	1.740	1.760	1.761
1983	1.829	1.789	1.710	1.660	1.794
1984	1.856	1.863	1.849	-	1.858
1985	1.596	1.592	1.576	1.548	1.591
1986	1.566	1.563	1.490	-	1.557
1987	1.575	1.569	1.440	-	1.553
1988	1.615	1.615	1.569	-	1.608
1989	1.670	1.670	1.670	-	1.670
1990	1.745	1.745	1.770	-	1.747
1991	**1.817**	**1.795**	**1.746**	**-**	**1.789**

[1] Crop Market Season Is November through February of the following year.

TOBACCO: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1986, 1987, AND 1988

District and County	Acreage Harvested			Yield 1/ Pounds Per Acre			Production In Pounds		
	1986	1987	1988	1986	1987	1988	1986	1987	1988
Eastern Dark-Fired (Type 22)									
Cheatham	835	565	580	2,125	2,170	2,395	1,775,000	1,227,000	1,390,000
Dickson	885	540	545	1,965	2,190	2,440	1,740,000	1,183,000	1,330,000
Houston	145	100	90	1,830	2,000	2,320	265,000	200,000	209,000
Montgomery	2,410	1,480	1,530	1,865	2,160	2,345	4,500,000	3,200,000	3,591,000
Robertson	3,660	2,255	2,320	2,120	2,200	2,445	7,760,000	4,960,000	5,670,000
Stewart	685	425	405	2,110	2,120	2,175	1,445,000	900,000	880,000
Davidson	56	43	46	1,745	1,575	1,810	97,780	67,700	83,300
Sumner	123	90	82	1,910	2,155	2,440	235,000	194,000	200,000
Other 2/	1	2	2	2,220	1,650	1,350	2,220	3,300	2,700
STATE	8,800	5,500	5,600	2,025	2,170	2,385	17,820,000	11,935,000	13,356,000
Western Dark-Fired (Type 23)									
Obion	5	6	2/	2,800	2,335	2/	14,000	14,000	2/
Henry	569	370	360	2,275	2,335	2,450	1,295,000	864,000	882,000
Weakley	106	84	74	2,245	2,415	2,445	238,000	203,000	180,800
Other 2/	--	--	6	--	--	2,535	--	--	15,200
STATE	680	460	440	2,275	2,350	2,450	1,547,000	1,081,000	1,078,000
Dark Air-Cured (Type 35)									
Henry	8	5	5	1,815	1,960	2,200	14,500	9,800	11,000
Weakley	24	15	16	2,250	2,335	2,340	54,000	35,000	37,400
Cheatham	7	5	--	2,355	2,800	--	16,500	14,000	--
Montgomery	23	14	15	1,850	2,070	2,065	42,500	29,000	31,000
Robertson	410	263	275	1,920	1,990	2,090	787,000	523,000	575,000
Macon	50	34	25	2,060	2,175	2,120	103,000	74,000	53,000
Sumner	230	142	134	1,790	1,900	2,110	412,000	270,000	283,000
Other 2/	8	2	10	1,815	2,600	1,760	14,500	5,200	17,600
STATE	760	480	480	1,900	2,000	2,100	1,444,000	960,000	1,008,000
Burley (Type 31)									
Cheatham	115	135	135	1,785	1,860	1,865	205,000	251,000	252,000
Dickson	95	110	110	1,455	1,635	1,880	138,000	180,000	207,000
Hickman	100	110	90	1,500	1,575	1,835	150,000	173,000	165,000
Houston	55	64	70	1,580	1,690	1,855	87,000	108,000	130,000
Humphreys	11	16	12	1,545	1,625	1,915	17,000	26,000	23,000
Lawrence	145	176	195	1,450	1,815	2,005	210,000	319,000	391,000
Lewis	39	44	35	1,565	1,660	1,600	61,000	73,000	56,000
Montgomery	785	865	890	1,655	1,900	2,055	1,300,000	1,644,000	1,830,000
Robertson	855	905	960	1,745	1,970	2,200	1,490,000	1,785,000	2,112,000
Stewart	250	245	250	1,610	1,595	1,775	402,000	391,000	444,000
District 30	2,450	2,670	2,747	1,655	1,855	2,040	4,060,000	4,950,000	5,610,000
Bedford	190	175	135	1,420	1,370	1,780	270,000	240,000	240,000
Cannon	170	190	150	1,410	1,510	1,635	240,000	287,000	245,000
Clay	490	560	490	1,550	1,650	1,995	760,000	925,000	978,000
Davidson	60	60	50	1,385	1,535	1,620	83,000	92,000	81,000
Dekalb	515	650	620	1,535	1,660	1,720	790,000	1,080,000	1,066,000
Giles	230	280	280	1,325	1,555	1,740	305,000	435,000	487,000
Jackson	680	820	710	1,440	1,575	1,710	980,000	1,290,000	1,213,000
Lincoln	460	500	435	1,390	1,500	1,770	640,000	750,000	770,000
Macon	1,450	1,710	1,400	1,730	1,805	1,665	2,510,000	3,085,000	2,330,000
Marshall	330	345	325	1,410	1,420	1,545	465,000	490,000	502,000
Maury	1,300	1,450	1,250	1,430	1,520	1,880	1,860,000	2,205,000	2,250,000
Moore	195	240	210	1,490	1,625	1,895	290,000	390,000	398,000
Rutherford	70	70	50	1,315	1,370	1,700	92,000	96,000	85,000
Smith	1,230	1,460	1,440	1,710	1,665	1,850	2,100,000	2,430,000	2,664,000
Sumner	1,910	2,000	2,230	1,470	1,830	1,955	2,810,000	3,655,000	4,363,000
Trousdale	730	890	840	1,725	1,905	2,140	1,260,000	1,695,000	1,798,000
Williamson	880	840	790	1,630	1,825	2,135	1,435,000	1,535,000	1,687,000
Wilson	610	660	650	1,475	1,440	1,870	900,000	950,000	1,217,000
District 40	11,500	12,900	12,055	1,545	1,675	1,855	17,790,000	21,630,000	22,374,000

1/ Yield derived to nearest 5 pounds, except all tobacco to nearest pound. 2/ Combined with other counties to avoid disclosing individual farm reports.

TOBACCO: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1986, 1987, AND 1988

District and County	Acreage Harvested			Yield 1/ Pounds Per Acre			Production In Pounds		
	1986	1987	1988	1986	1987	1988	1986	1987	1988
					Burley (Type 31)				
Coffee	15	16	20	1,605	1,625	2,100	24,100	26,000	42,000
Cumberland	130	135	120	1,425	1,675	1,940	185,000	226,000	233,000
Fentress	130	170	165	1,385	1,825	1,830	180,000	310,000	302,000
Franklin	105	120	110	1,410	1,515	1,810	148,000	182,000	199,000
Grundy	7	8	2/	1,345	1,515	2/	9,400	12,100	2/
Morgan	37	43	43	1,570	1,800	1,820	58,000	77,400	78,300
Overton	245	310	330	1,655	1,760	1,795	405,000	545,000	592,000
Pickett	280	390	360	1,610	1,845	1,815	450,000	720,000	654,000
Putnam	590	680	695	1,560	1,800	1,740	920,000	1,225,000	1,208,000
Scott	15	13	17	1,465	1,540	1,880	22,000	20,000	32,000
Van Buren	27	27	27	1,335	1,395	1,425	36,000	37,700	38,500
Warren	150	154	115	1,465	1,410	1,785	220,000	217,000	205,000
White	538	600	525	1,675	1,725	1,940	900,000	1,035,000	1,018,000
District 50	2,269	2,666	2,527	1,570	1,740	1,820	3,557,500	4,633,200	4,601,800
Anderson	130	135	95	1,655	1,630	1,790	215,000	220,000	170,000
Blount	510	460	420	1,560	1,545	1,900	795,000	710,000	798,000
Bradley	95	87	80	1,525	1,450	1,840	145,000	126,000	147,200
Campbell	335	440	360	1,495	1,555	1,645	500,000	685,000	593,000
Carter	720	770	770	1,470	1,525	1,745	1,060,000	1,175,000	1,345,000
Claiborne	1,850	2,180	2,050	1,785	1,895	1,920	3,300,000	4,135,000	3,938,000
Cocke	1,170	1,270	1,320	1,495	1,745	1,755	1,750,000	2,215,000	2,317,000
Grainger	1,120	1,210	1,250	1,855	1,870	1,890	2,075,000	2,260,000	2,361,000
Greene	3,850	4,160	4,320	1,470	1,725	1,845	5,650,000	7,180,000	7,963,000
Hamblen	740	814	780	1,755	1,745	1,900	1,300,000	1,420,000	1,484,000
Hamilton	16	--	--	1,765	--	--	28,200	--	--
Hancock	900	1,070	1,120	1,620	1,905	1,920	1,460,000	2,040,000	2,153,000
Hawkins	1,910	2,130	2,140	1,570	1,735	1,685	3,000,000	3,700,000	3,609,000
Jefferson	1,100	1,130	1,090	1,865	1,675	1,965	2,050,000	1,890,000	2,140,000
Johnson	910	1,090	1,150	1,735	1,585	1,950	1,580,000	1,730,000	2,243,000
Knox	440	440	340	1,615	1,595	1,725	710,000	702,000	587,000
Loudon	440	440	405	1,525	1,535	1,800	670,000	675,000	730,000
McMinn	580	590	550	1,605	1,580	1,805	930,000	931,000	994,000
Meigs	195	190	190	2,050	1,595	1,620	400,000	303,000	308,000
Monroe	660	640	650	1,415	1,520	1,745	935,000	973,000	1,135,000
Polk	13	9	11	1,560	1,555	1,680	20,300	14,000	18,500
Rhea	36	34	26	1,765	1,610	1,730	63,500	54,800	45,000
Roane	265	235	180	1,805	1,520	1,650	478,000	357,000	297,000
Sevier	960	910	850	1,615	1,625	1,810	1,550,000	1,480,000	1,538,000
Sullivan	960	1,160	1,250	1,565	1,580	1,735	1,500,000	1,830,000	2,166,000
Unicoi	390	400	350	1,460	1,475	1,790	570,000	590,000	626,000
Union	620	690	610	1,595	1,875	1,920	990,000	1,295,000	1,171,000
Washington	1,850	2,060	2,300	1,540	1,640	1,835	2,850,000	3,380,000	4,216,000
District 60	22,765	24,744	24,657	1,605	1,700	1,830	36,575,000	42,070,800	45,092,700
Other Counties	16	20	14	1,720	1,550	1,535	27,500	31,000	21,500
State (Burley)	39,000	43,000	42,000	1,590	1,705	1,850	62,010,000	73,315,000	77,700,000
State Total (All Tobacco)	49,240	49,440	48,520	1,682	1,766	1,920	82,821,000	87,291,000	93,142,000

1/ Yield derived to nearest 5 pounds, except all tobacco to nearest pound.
2/ Combined with other counties to avoid disclosing individual farm reports.

TOBACCO: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1989, 1990, AND 1991

District and County	Acreage Harvested			Yield 1/ Pounds Per Acre			Production In Pounds		
	1989	1990	1991	1989	1990	1991	1989	1990	1991
				Eastern Dark-Fired (Type 22)					
Cheatham	630	675	650	1,905	2,320	2,125	1,200,000	1,565,000	1,380,000
Dickson	625	660	653	1,895	2,280	1,915	1,185,000	1,504,000	1,252,000
Houston	105	110	101	1,905	2,455	2,020	200,000	270,000	204,000
Montgomery	1,755	1,675	1,745	1,910	2,230	2,015	3,350,000	3,738,000	3,520,000
Robertson	2,765	2,840	2,875	1,950	2,360	2,220	5,396,000	6,705,000	6,383,000
Stewart	470	490	433	1,905	2,295	1,975	895,000	1,125,000	855,000
Davidson	50	43	46	1,320	1,720	1,610	66,000	74,000	74,000
Sumner	98	105	95	1,890	2,160	1,990	185,000	227,000	189,000
Other 2/	2	2	2	1,500	2,500	1,500	3,000	5,000	3,000
STATE	6,500	6,600	6,600	1,920	2,305	2,100	12,480,000	15,213,000	13,860,000
				Western Dark-Fired (Type 23)					
Henry	415	410	425	2,245	2,520	2,205	932,000	1,033,000	936,500
Weakley	81	79	85	2,150	2,410	2,175	174,000	190,500	185,000
Other 2/	4	1	10	1,000	1,500	2,250	4,000	1,500	22,500
STATE	500	490	520	2,220	2,500	2,200	1,110,000	1,225,000	1,144,000
				Dark Air-Cured (Type 35)					
Henry	5	5	7	1,720	2,240	2,430	8,600	11,200	17,000
Weakley	17	17	23	2,090	2,205	2,350	35,500	37,500	54,000
Montgomery	17	16	20	1,790	2,125	1,850	30,400	34,000	37,000
Robertson	290	290	352	1,725	2,100	2,020	500,000	609,000	711,000
Macon	23	21	20	1,585	1,950	1,900	36,500	41,000	38,000
Sumner	139	140	175	1,755	1,895	1,945	244,000	265,000	340,000
Other 2/	9	11	13	1,665	2,025	1,770	15,000	22,300	23,000
STATE	500	500	610	1,740	2,040	2,000	870,000	1,020,000	1,220,000
				Burley (Type 31)					
Henry	2/	2/	145	2/	2/	1,795	2/	2/	260,000
Weakley	0	0	79	---	---	1,995	0	0	157,700
District 20	---	---	224	---	---	1,865	---	---	417,700
Cheatham	115	160	220	1,880	2,055	1,925	216,000	329,000	424,000
Dickson	90	135	185	1,720	1,950	1,820	155,000	263,000	337,000
Hickman	75	110	115	1,800	1,920	1,705	135,000	211,000	196,000
Houston	58	75	70	1,660	1,985	1,670	96,200	149,000	117,000
Humphreys	11	18	15	1,910	2,020	1,865	21,000	36,400	28,000
Lawrence	130	210	255	1,590	1,910	1,755	207,000	401,000	448,000
Lewis	18	32	30	1,555	1,830	1,665	28,000	58,500	50,000
Montgomery	790	1,035	1,355	1,835	1,960	1,765	1,450,000	2,030,000	2,390,000
Robertson	960	1,170	1,765	1,790	2,175	2,100	1,720,000	2,545,000	3,710,000
Stewart	220	315	365	1,805	1,865	1,765	397,000	588,000	645,000
District 30	2,467	3,260	4,375	1,795	2,030	1,905	4,425,200	6,610,900	8,345,000
Bedford	80	135	145	1,625	1,815	1,830	130,000	245,000	265,000
Cannon	90	165	255	1,620	2,140	1,900	146,000	353,000	484,000
Clay	535	695	900	1,795	1,940	2,050	960,000	1,350,000	1,845,000
Davidson	40	47	52	1,725	1,785	1,750	69,000	84,000	91,000
DeKalb	360	650	750	1,415	1,900	1,825	510,000	1,235,000	1,370,000
Giles	190	255	310	1,275	1,815	1,825	242,000	463,000	565,000
Jackson	610	840	940	1,755	1,895	1,955	1,070,000	1,590,000	1,840,000
Lincoln	350	490	560	1,290	1,830	1,695	452,000	897,000	950,000
Macon	1,800	2,040	2,780	1,665	2,175	2,100	3,000,000	4,440,000	5,840,000
Marshall	250	355	385	1,490	1,820	1,780	373,000	646,000	685,000
Maury	1,240	1,300	1,355	1,405	1,875	1,700	1,745,000	2,435,000	2,305,000
Moore	160	164	162	1,305	1,900	1,760	209,000	312,000	285,000
Rutherford	37	44	51	1,300	1,820	1,765	48,000	80,000	90,000
Smith	1,240	1,625	1,800	1,640	2,110	1,970	2,035,000	3,425,000	3,550,000
Sumner	1,800	2,300	3,055	1,855	2,145	2,005	3,340,000	4,930,000	6,130,000
Trousdale	755	1,110	1,300	1,695	2,070	2,015	1,280,000	2,295,000	2,620,000
Williamson	760	860	970	1,855	2,165	2,030	1,410,000	1,860,000	1,970,000
Wilson	415	615	705	1,565	1,945	1,850	650,000	1,195,000	1,305,000
District 40	10,712	13,690	16,475	1,650	2,035	1,955	17,669,000	27,835,000	32,190,000

1/ Yield derived to nearest 5 pounds, except all tobacco to nearest pound. 2/ Combined with other counties to avoid disclosing individual farm reports.

TOBACCO: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1989, 1990, AND 1991

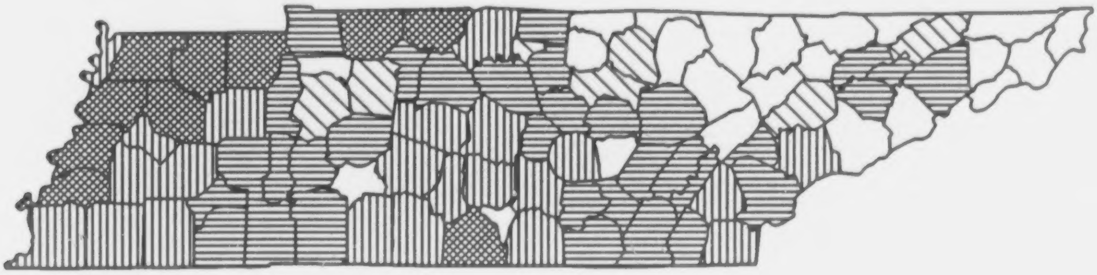
District and County	Acreage Harvested			Yield 1/ Pounds Per Acre			Production In Pounds		
	1989	1990	1991	1989	1990	1991	1989	1990	1991
					Burley (Type 31)				
Bledsoe	2/	6	8	2/	1,965	1,750	2/	11,800	14,000
Coffee	11	16	14	1,910	1,865	1,645	21,000	29,800	23,000
Cumberland	78	108	120	1,390	1,695	1,915	108,500	183,000	230,000
Fentress	160	235	274	1,615	1,860	1,935	258,000	437,000	530,000
Franklin	70	130	139	1,450	1,660	1,690	101,500	216,000	235,000
Marion	2/	7	5	2/	1,615	1,780	2/	11,300	8,900
Morgan	25	58	80	1,685	1,950	1,715	42,100	113,000	137,000
Overton	345	385	550	1,625	1,995	1,920	560,000	768,000	1,055,000
Pickett	330	475	610	1,865	1,960	1,860	616,000	932,000	1,135,000
Putnam	590	710	850	1,475	2,125	2,060	870,000	1,510,000	1,750,000
Scott	7	11	7	1,530	1,665	1,655	10,700	18,300	11,600
Van Buren	20	20	33	1,350	1,640	1,680	27,000	32,800	55,500
Warren	69	125	200	1,480	1,930	1,825	102,000	241,000	365,000
White	390	610	775	1,755	2,140	1,890	685,000	1,305,000	1,465,000
District 50	2,095	2,896	3,665	1,625	2,005	1,915	3,401,800	5,809,000	7,015,000
Anderson	50	65	80	1,500	1,940	1,750	75,000	126,000	140,000
Blount	330	396	445	1,585	1,950	1,920	523,000	772,000	855,000
Bradley	55	60	90	1,565	1,985	1,835	86,000	119,000	165,000
Campbell	340	390	325	1,735	1,980	1,925	590,000	773,000	625,000
Carter	610	705	710	1,965	2,080	2,075	1,200,000	1,465,000	1,475,000
Claiborne	2,100	2,500	2,720	2,065	2,135	2,020	4,340,000	5,340,000	5,500,000
Cocke	1,180	1,465	1,550	1,600	2,055	1,860	1,890,000	3,010,000	2,885,000
Grainger	1,300	1,460	1,790	1,830	2,040	1,800	2,380,000	2,975,000	3,220,000
Greene	4,570	4,775	5,735	1,505	2,090	2,000	6,885,000	9,975,000	11,460,000
Hamblen	690	820	950	1,995	1,955	1,765	1,375,000	1,605,000	1,675,000
Hancock	1,030	1,160	1,280	1,935	2,175	2,005	1,995,000	2,525,000	2,565,000
Hawkins	2,100	2,480	2,660	1,760	2,080	1,800	3,700,000	5,155,000	4,785,000
Jefferson	980	1,055	1,260	1,800	2,230	2,100	1,765,000	2,355,000	2,644,000
Johnson	1,070	1,190	1,355	2,035	2,165	2,135	2,180,000	2,575,000	2,895,000
Knox	240	270	285	1,645	2,010	1,825	395,000	542,000	520,000
Loudon	380	420	365	1,435	2,010	2,015	545,000	845,000	735,000
McMinn	300	450	590	1,750	2,080	1,820	525,000	935,000	1,075,000
Meigs	80	150	175	1,440	1,935	1,945	115,000	290,000	340,000
Monroe	490	630	725	1,430	1,895	2,000	700,000	1,195,000	1,450,000
Polk	2/	7	2/	2/	1,830	2/	2/	12,800	2/
Rhea	6	21	28	1,785	1,795	1,945	10,700	37,700	54,500
Roane	110	160	125	1,400	1,940	1,920	154,000	310,000	240,000
Sevier	600	644	650	1,630	2,055	1,915	977,000	1,325,000	1,245,000
Sullivan	1,150	1,275	1,395	1,930	2,055	2,080	2,220,000	2,620,000	2,900,000
Unicoi	360	330	317	1,475	1,990	2,210	531,000	656,000	700,000
Union	590	730	705	1,905	2,035	1,900	1,124,000	1,485,000	1,340,000
Washington	2,000	2,540	2,940	1,780	2,155	1,980	3,557,000	5,470,000	5,825,000
District 60	22,711	26,148	29,250	1,755	2,085	1,960	39,837,700	54,493,500	57,313,500
Other Counties	15	6	11	1,755	1,935	1,710	26,300	11,600	18,800
State (Burley)	38,000	46,000	54,000	1,720	2,060	1,950	65,360,000	94,760,000	105,300,000
State Total (All Tobacco)	45,500	53,590	61,730	1,754	2,094	1,980	79,820,000	112,218,000	121,524,000

1/ Yield derived to nearest 5 pounds, except all tobacco to nearest pound.

2/ Combined with other counties to avoid disclosing individual farm reports.

Wheat

Smallest Wheat Production Since 1978



WHEAT PRODUCTION

TOP FIVE COUNTIES	
1. ROBERTSON	877,000
2. OBION	630,000
3. DYER	570,000
4. GIBSON	530,000
5. WEAKLEY	477,000

Tennesee wheat growers experienced one of the worst crops ever in 1991. Production of winter wheat totaled a disappointing 7.7 million bushels, down 56 percent from the 17.6 million-bushel crop produced in 1990. The average wheat yield was only 24 bushels per acre, the lowest wheat yield in 29 years. Farmers decreased their wheat-for-grain acreage by 35 percent to 320,000 acres in large part due to the marked decline in prices the previous year.

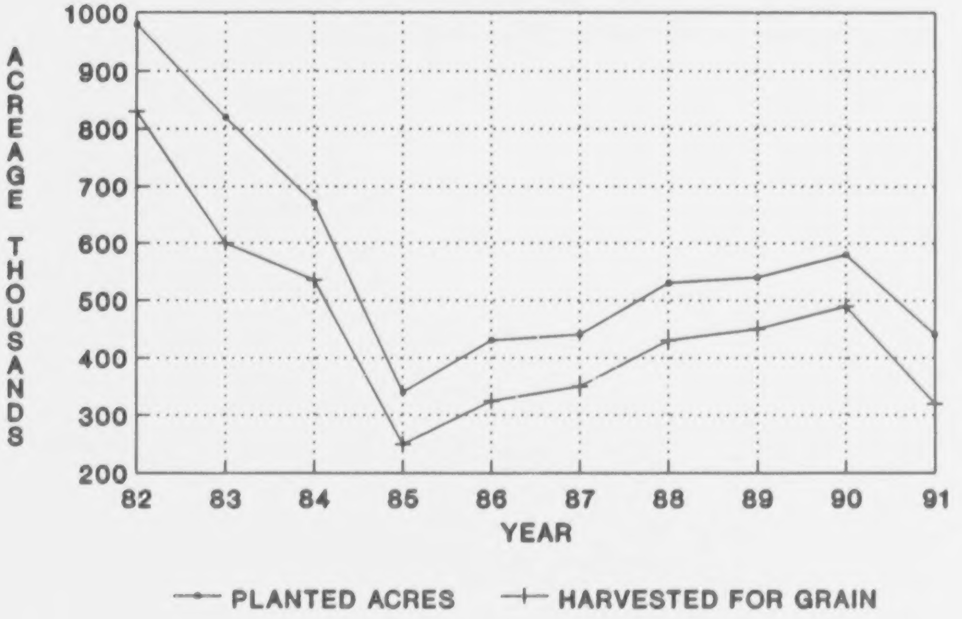
Before harvest, the wheat crop looked good. But as the wheat harvest got into full swing, it became apparent that excessive rainfall, diseases, insects, and weeds had rendered the crop a near bust.

The 1991 wheat crop was valued at $21.5 million, 60 percent below the previous year's value. The marketing year average price received by farmers was $2.80, down $0.23 from 1990.

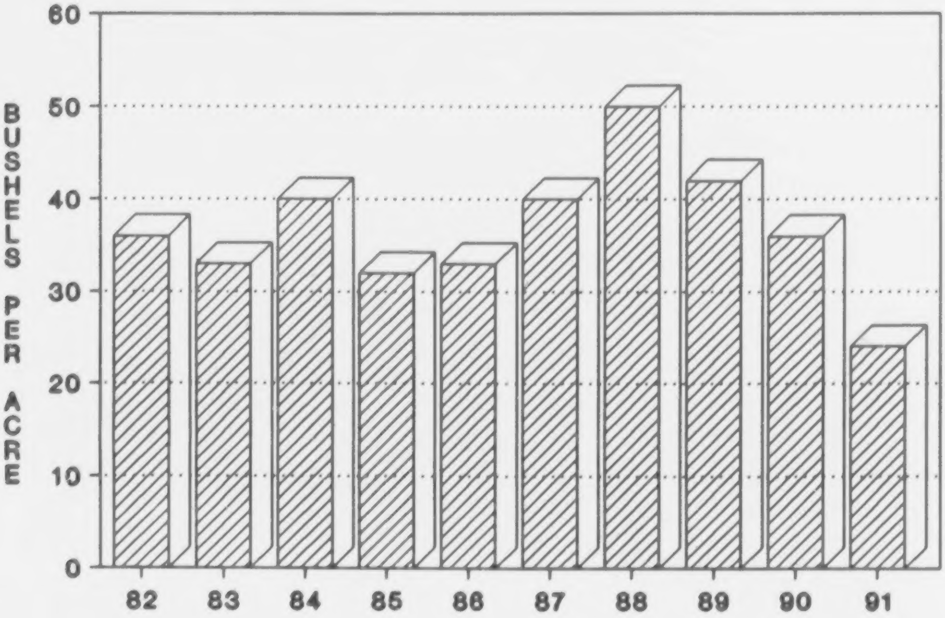
WHEAT: ACREAGE, PRODUCTION, AND VALUE, TENNESSEE, 1982-1991

Crop Year	Planted For All Purposes	Harvested For Grain	Yield Per Acre	Production For Grain	Marketing Year Average Price	Value of Grain Production
	1,000 Acres		Bushels	1,000 Bushels	Dollars Per Bushel	1,000 Dollars
1982	980	830	36.0	29,880	3.00	89,640
1983	820	600	33.0	19,800	3.30	65,340
1984	670	535	40.0	21,400	3.30	70,620
1985	340	250	32.0	8,000	3.00	24,000
1986	430	325	33.0	10,725	2.50	26,813
1987	440	350	40.0	14,000	2.60	36,400
1988	530	430	50.0	21,500	3.44	73,960
1989	540	450	42.0	18,900	3.65	68,985
1990	580	490	36.0	17,640	3.03	53,449
1991	440	320	24.0	7,680	2.80	21,504

WHEAT: PLANTED & HARVESTED FOR GRAIN
TENNESSEE, 1982-1991



WHEAT: YIELD PER HARVESTED ACRE
TENNESSEE, 1982-1991



WHEAT: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1982-1991[1]

Crop Year	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Marketing Year Average
1982	3.00	3.10	3.00	3.00	2.90	3.00	2.90	2.70	3.20	3.15	3.25	3.35	3.00
1983	3.20	3.30	3.70	3.50	3.50	3.40	3.40	3.50	3.30	3.55	3.70	3.55	3.30
1984	3.30	3.30	3.35	3.35	3.35	3.50	3.45	3.50	3.50	3.50	3.60	3.20	3.30
1985	3.10	3.00	2.60	2.50	2.65	3.00	3.10	3.00	3.05	3.05	2.90	2.75	3.00
1986	2.50	2.50	2.40	2.35	2.50	2.65	2.70	2.75	2.55	2.50	2.40	2.75	2.50
1987	2.60	2.40	2.40	2.55	2.70	2.70	2.80	2.95	3.00	3.00	3.00	3.15	2.60
1988	3.40	3.35	3.45	3.60	3.45	3.50	3.70	3.85	3.85	3.85	3.70	3.80	3.44
1989	3.70	3.75	3.75	3.40	3.45	3.50	3.55	3.35	3.30	3.40	3.25	3.25	3.65
1990	3.20	2.90	2.70	2.60	2.75	2.65	2.60	2.60	2.60	2.80	2.85	2.90	3.03
1991	2.80	2.55	2.75	2.95	3.15	3.10	3.25	3.65	3.90	3.70			2.80 [2]

[1] Marketing year is June 1 of the current year through May 31 of the following year.

[2] Preliminary based on the first ten months of the marketing year.

WHEAT: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1986, 1987, AND 1988

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harvested Acre			Production For Grain		
	1986	1987	1988	1986	1987	1988	1986	1987	1988	1986	1987	1988
	Acres									Bushels		
Dyer	37,000	39,000	46,000	34,400	38,000	45,000	35	41	50	1,200,000	1,540,000	2,270,000
Lake	11,000	16,000	18,000	10,000	15,400	17,400	41	44	52	410,000	680,000	900,000
Lauderdale	15,500	25,000	28,000	13,300	24,000	26,000	37	44	48	490,000	1,060,000	1,260,000
Obion	27,000	38,000	53,000	25,000	37,000	51,400	35	44	51	880,000	1,630,000	2,620,000
Shelby	6,500	6,000	8,000	5,800	5,800	7,500	39	40	47	225,000	230,000	350,000
Tipton	10,000	12,000	14,000	9,500	11,800	13,700	38	44	49	365,000	515,000	670,000
District 10	107,000	136,000	167,000	98,000	132,000	161,000	36	43	50	3,570,000	5,655,000	8,070,000
Benton	1,100	1,200	1,600	900	900	1,200	29	34	40	26,500	31,000	48,000
Carroll	7,500	5,900	6,500	6,600	5,200	5,700	33	38	48	220,000	200,000	275,000
Chester	2,500	2,100	2,300	2,100	1,900	2,100	33	42	43	69,000	80,000	91,000
Crockett	3,000	3,600	4,400	2,800	3,300	4,200	38	42	46	105,000	140,000	195,000
Decatur	1,900	1,800	2,400	1,600	1,500	2,100	25	27	45	39,500	40,000	95,000
Fayette	9,100	7,500	8,500	7,200	5,900	7,500	38	38	43	270,000	225,000	320,000
Gibson	36,000	28,000	29,700	30,000	25,300	28,000	38	45	47	1,125,000	1,140,000	1,315,000
Hardeman	4,600	3,700	4,300	3,500	3,000	3,500	27	37	43	95,000	110,000	150,000
Hardin	4,200	4,200	5,500	3,500	3,600	5,000	33	41	54	115,000	146,000	270,000
Haywood	6,500	9,000	11,000	5,600	8,500	10,700	37	42	47	205,000	359,000	500,000
Henderson	2,400	2,500	3,500	1,900	2,000	3,000	32	31	43	60,000	62,000	130,000
Henry	14,000	14,000	20,000	12,500	12,400	18,000	34	44	55	430,000	540,000	990,000
McNairy	4,000	2,000	2,000	3,400	1,800	1,900	34	36	41	115,000	65,000	78,000
Madison	3,500	4,200	4,300	3,000	3,700	4,000	37	42	43	110,000	155,000	170,000
Weakley	20,700	20,300	23,000	19,400	19,000	22,100	35	44	54	675,000	827,000	1,185,000
District 20	121,000	110,000	129,000	104,000	98,000	119,000	35	42	49	3,660,000	4,120,000	5,812,000
Cheatham	1,000	950	1,000	800	900	900	32	38	48	25,500	34,000	43,000
Dickson	700	500	700	500	400	600	33	41	48	16,700	16,500	29,000
Hickman	1,500	1,100	1,700	1,000	800	1,100	30	36	42	30,000	29,000	46,000
Humphreys	800	800	1,000	700	700	800	33	40	54	23,300	28,000	43,000
Lawrence	6,400	5,500	7,000	3,700	3,200	4,300	22	32	55	80,000	101,000	235,000
Montgomery	9,500	11,400	12,000	7,000	9,600	10,500	26	43	58	180,000	408,000	610,000
Perry	500	1/	600	400	1/	500	32	1/	54	12,800	1/	27,000
Robertson	24,000	28,000	29,000	19,500	23,200	26,900	32	39	50	619,000	910,000	1,350,000
Wayne	2,900	700	1,000	2,100	500	700	21	28	44	43,600	14,000	31,000
Other 1/	700	1,050	1,000	300	700	700	30	42	51	9,100	29,500	36,000
District 30	48,000	50,000	55,000	36,000	40,000	47,000	29	39	52	1,040,000	1,570,000	2,450,000

1/ Less than 500 acres planted for all purposes, combined with other counties.

WHEAT: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1986, 1987, AND 1988

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harvested Acre			Production For Grain		
	1986	1987	1988	1986	1987	1988	1986	1987	1988	1986	1987	1988
	Acres						Bushels					
Bedford	8,000	10,800	12,500	4,900	6,800	7,400	25	34	52	121,000	230,000	385,000
Cannon	1,300	2,200	3,100	800	900	1,500	26	29	42	21,000	26,000	63,000
Clay	600	500	700	400	300	500	30	33	50	12,000	10,000	25,000
Davidson	800	600	600	600	400	400	25	25	41	15,000	10,000	16,500
DeKalb	1,700	2,000	2,500	1,100	1,400	1,800	24	26	45	26,000	36,000	81,000
Giles	3,400	3,400	4,500	1,600	1,400	2,200	29	36	57	46,000	51,000	125,000
Lincoln	11,000	9,000	12,000	6,600	5,400	7,400	26	28	54	170,000	152,000	400,000
Macon	2,000	1,200	2,000	1,100	600	1,300	26	31	46	28,600	18,500	60,000
Marshall	7,000	3,500	5,000	3,100	1,400	2,500	26	38	47	80,000	53,000	118,000
Maury	7,000	7,300	9,000	4,200	4,300	6,100	25	32	48	105,000	138,000	290,000
Moore	800	700	800	350	300	300	27	38	48	9,500	11,500	14,500
Rutherford	8,000	6,100	9,000	4,600	3,400	5,000	23	29	50	106,000	100,000	252,000
Smith	1/	500	1/	1/	300	1/	1/	37	1/	1/	11,000	1/
Sumner	7,000	7,300	8,000	5,700	5,700	5,900	31	38	47	175,000	214,000	275,000
Trousdale	600	1/	700	350	1/	500	26	1/	42	9,000	1/	21,000
Williamson	7,000	6,700	6,800	3,900	3,700	4,400	25	31	44	97,000	115,000	195,000
Wilson	3,000	1,400	3,000	1,300	400	1,500	29	38	50	38,000	15,000	75,000
Other 1/	800	800	800	400	300	300	27	30	47	10,900	9,000	14,000
District 40	70,000	64,000	81,000	41,000	37,000	49,000	26	32	49	1,070,000	1,200,000	2,410,000
Bledsoe	2,200	2,400	2,400	1,400	1,300	1,300	34	42	49	48,000	55,000	64,000
Coffee	8,000	6,100	8,300	3,900	4,000	6,300	28	32	53	109,000	128,000	335,000
Cumberland	1,000	500	800	500	200	400	30	40	48	15,000	8,000	19,000
Fentress	600	500	600	300	200	300	23	28	40	6,800	5,500	12,000
Franklin	19,200	14,400	16,000	16,300	12,000	12,800	32	33	55	515,000	401,000	707,000
Grundy	800	1,200	1,500	600	900	1,100	37	37	48	22,000	33,000	53,000
Marion	1,900	1,500	1,900	1,400	1,100	1,400	29	30	53	41,000	33,000	74,000
Morgan	1/	1/	500	1/	1/	300	1/	1/	44	1/	1/	13,200
Overton	600	800	900	300	500	600	28	32	50	8,500	16,000	30,000
Putnam	1,000	900	1,100	500	400	600	30	35	50	15,000	14,000	30,000
Sequatchie	800	700	1,000	400	400	600	33	35	52	13,200	14,000	31,000
Van Buren	1/	1/	500	1/	1/	250	1/	1/	40	1/	1/	10,000
Warren	5,600	5,000	8,400	2,800	2,600	4,400	28	33	49	78,000	85,000	215,000
White	2,100	1,700	2,500	900	800	1,300	31	38	51	28,000	30,000	66,000
Other 1/	1,200	1,300	600	700	600	350	29	28	45	20,500	16,500	15,800
District 50	45,000	37,000	47,000	30,000	25,000	32,000	31	34	52	920,000	839,000	1,675,000
Blount	5,000	6,000	6,000	3,000	3,600	3,400	36	38	55	108,000	135,000	186,000
Bradley	2,000	2,200	2,500	500	400	700	26	31	46	13,200	12,500	32,000
Claiborne	600	1/	600	100	1/	200	23	1/	40	2,300	1/	8,000
Cocke	500	800	800	300	500	400	25	29	45	7,500	14,500	18,000
Grainger	1/	500	700	1/	200	300	1/	35	50	1/	7,000	15,000
Greene	2,500	3,500	4,700	700	1,100	1,700	33	33	46	23,000	36,000	78,000
Hamblen	1,000	1,300	1,900	450	600	900	31	35	40	14,000	21,000	36,000
Hamilton	900	900	1,200	450	450	600	22	30	40	10,000	13,300	24,000
Hawkins	800	1,000	1,400	400	400	600	25	40	46	10,000	16,000	27,300
Jefferson	2,300	2,800	3,500	1,100	1,400	1,700	30	40	59	33,000	56,000	100,000
Johnson	500	500	500	100	50	100	30	30	40	3,000	1,500	4,000
Knox	1,000	1,000	1,100	350	350	400	30	33	41	10,400	11,600	16,500
Loudon	2,200	2,400	3,100	1,100	1,100	1,300	32	33	39	35,000	36,000	51,000
McMinn	4,000	3,800	5,000	1,400	1,200	1,800	30	44	56	42,000	52,500	100,000
Meigs	2,100	2,100	3,000	1,000	1,200	1,550	30	36	57	30,000	43,500	89,000
Monroe	5,100	5,000	5,300	2,100	1,900	2,600	23	29	50	49,000	55,000	130,000
Polk	3,000	3,400	3,000	1,300	1,900	1,500	23	30	45	30,000	57,000	68,000
Rhea	2,100	2,300	3,000	700	800	1,000	29	29	44	20,000	23,000	44,000
Sevier	600	600	700	200	200	300	27	26	45	5,300	5,200	13,600
Sullivan	1/	1/	500	1/	1/	150	1/	1/	44	1/	1/	6,600
Washington	900	900	1,200	300	300	400	24	28	44	7,100	8,300	17,700
Other 1/	1,900	2,000	1,300	450	350	400	27	32	46	12,200	11,100	18,300
District 60	39,000	43,000	51,000	16,000	18,000	22,000	29	34	49	465,000	616,000	1,083,000
State	430,000	440,000	530,000	325,000	350,000	430,000	33	40	50	10,725,000	14,000,000	21,500,000

1/ Less than 500 acres planted for all purposes, combined with other counties.

WHEAT: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1989, 1990, AND 1991

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harvested Acre			Production For Grain		
	1989	1990	1991	1989	1990	1991	1989	1990	1991	1989	1990	1991
	Acres						Bushels					
Dyer	49,000	62,500	45,000	48,300	62,100	33,000	45	39	17	2,150,000	2,445,000	570,000
Lake	20,000	24,500	15,000	19,800	24,300	10,500	44	38	16	880,000	920,000	170,000
Lauderdale	30,000	32,000	21,000	29,400	31,100	16,000	43	41	18	1,270,000	1,280,000	290,000
Obion	54,000	59,000	36,000	53,100	58,400	33,000	46	33	19	2,420,000	1,930,000	630,000
Shelby	11,000	15,500	11,000	10,600	14,800	8,000	41	34	24	430,000	510,000	190,000
Tipton	15,000	16,500	12,000	14,800	16,300	10,500	40	38	23	590,000	615,000	240,000
District 10	179,000	210,000	140,000	176,000	207,000	111,000	44	37	19	7,740,000	7,700,000	2,090,000
Benton	2,000	1,800	1,100	1,700	1,400	600	38	33	20	64,000	46,000	12,000
Carroll	7,300	7,300	6,400	6,400	6,800	4,900	45	35	18	285,000	240,000	90,000
Chester	2,000	2,100	2,000	1,800	2,000	1,900	43	31	25	77,000	62,000	47,000
Crockett	4,400	5,000	3,600	4,300	4,500	2,800	43	42	25	185,000	190,000	70,000
Decatur	1,800	1,600	900	1,600	1,500	600	37	29	24	59,000	44,000	14,500
Fayette	7,400	7,700	6,000	6,300	7,100	5,500	35	35	24	220,000	250,000	130,000
Gibson	34,000	37,000	28,000	33,200	36,200	24,500	46	38	22	1,515,000	1,358,000	530,000
Hardeman	3,900	5,200	4,000	3,600	4,900	3,400	35	33	21	125,000	160,000	70,000
Hardin	7,300	5,900	3,000	6,400	5,400	2,100	38	30	21	245,000	162,000	44,000
Haywood	8,800	8,700	6,700	8,400	7,900	5,300	43	37	26	360,000	290,000	140,000
Henderson	3,300	3,000	1,600	2,700	2,600	1,100	37	34	23	100,000	88,000	25,000
Henry	22,500	23,000	18,300	22,100	22,600	14,000	50	37	21	1,100,000	840,000	290,000
McNairy	1,800	2,000	1,000	1,700	1,900	700	35	29	19	60,000	55,000	13,500
Madison	4,500	4,700	3,400	4,200	4,500	2,600	40	37	22	170,000	165,000	57,000
Weakley	25,000	27,000	23,000	24,600	26,700	20,000	50	36	24	1,225,000	950,000	477,000
District 20	136,000	142,000	109,000	129,000	136,000	90,000	45	36	22	5,790,000	4,900,000	2,010,000
Cheatham	1,000	1,200	800	900	1,000	600	36	36	25	32,000	35,500	15,000
Dickson	600	800	800	400	600	400	35	33	23	14,000	20,000	9,000
Hickman	1,500	1,500	1,400	800	900	1,000	35	30	29	28,000	27,000	29,000
Houston	1/	600	1/	1/	400	1/	1/	33	1/	1/	13,000	1/
Humphreys	1,000	700	500	800	500	300	44	36	25	35,000	18,000	7,500
Lawrence	7,800	7,700	6,600	4,500	4,700	4,100	36	34	28	160,000	160,000	115,000
Lewis	1/	500	1/	1/	400	1/	1/	31	1/	1/	12,500	1/
Montgomery	12,400	11,400	13,000	11,000	10,300	12,000	44	42	29	487,000	430,000	350,000
Perry	1,400	1,600	1,400	1,100	1,200	600	39	28	22	43,000	34,000	13,000
Robertson	29,000	31,000	26,500	25,800	27,300	23,600	41	38	37	1,050,000	1,025,000	877,000
Stewart	500	900	600	400	800	500	38	38	25	15,000	30,000	12,500
Wayne	1,100	1,100	800	900	900	600	34	28	24	31,000	25,000	14,500
Other 1/	700	0	600	400	0	300	38	--	25	15,000	0	7,500
District 30	57,000	59,000	53,000	47,000	49,000	44,000	41	37	33	1,910,000	1,830,000	1,450,000

1/ Less than 500 acres planted for all purposes, combined with other counties.

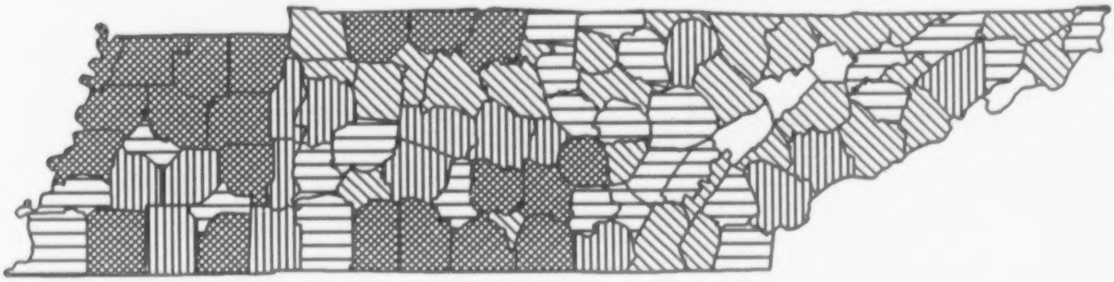
WHEAT: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1989, 1990, AND 1991

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harvested Acre			Production For Grain		
	1989	1990	1991	1989	1990	1991	1989	1990	1991	1989	1990	1991
	Acres						Bushels					
Bedford	12,000	12,000	8,600	8,000	8,200	5,400	38	33	29	304,000	273,000	155,000
Cannon	3,000	3,200	2,700	1,400	1,400	1,500	36	31	23	50,000	43,000	35,000
Clay	1/	500	1/	1/	300	1/	1/	34	1/	1/	10,200	1/
Davidson	900	1,100	700	600	900	400	37	36	29	22,000	32,000	11,500
DeKalb	1,900	2,000	1,700	1,200	1,400	1,200	31	30	23	37,000	41,400	28,000
Giles	5,100	5,300	4,800	3,300	3,300	2,500	27	27	28	89,000	88,000	70,000
Jackson	1/	500	1/	1/	300	1/	1/	30	1/	1/	9,000	1/
Lincoln	12,500	12,000	10,600	8,900	8,200	7,500	34	29	27	300,000	235,000	200,000
Macon	1,400	2,000	1,500	1,000	1,700	1,100	39	29	28	39,000	48,500	31,000
Marshall	4,500	4,600	4,000	2,000	2,300	2,100	35	33	25	70,000	76,000	53,000
Maury	8,500	8,500	7,800	4,600	4,800	4,900	33	31	23	150,000	150,000	115,000
Moore	700	500	1/	400	200	1/	35	30	1/	14,000	6,000	1/
Rutherford	9,000	9,000	7,500	6,200	6,000	4,700	32	32	28	200,000	190,000	131,000
Smith	600	900	800	400	700	500	33	31	25	13,000	21,400	12,500
Sumner	8,000	8,200	6,800	5,800	6,200	4,900	42	36	31	244,000	226,000	150,000
Trousdale	600	700	500	400	300	200	33	30	28	13,000	8,900	5,500
Williamson	6,500	6,000	6,000	3,900	3,500	4,100	37	32	33	145,000	112,000	135,000
Wilson	3,000	3,000	1,800	1,400	1,300	400	30	34	35	42,000	44,600	14,000
Other 1/	800	0	1,200	500	0	600	36	--	23	18,000	0	13,500
District 40	79,000	80,000	67,000	50,000	51,000	42,000	35	32	28	1,750,000	1,615,000	1,160,000
Bledsoe	2,300	2,300	2,100	1,300	1,300	1,300	26	29	28	34,000	38,000	37,000
Coffee	9,000	9,000	7,800	5,300	5,300	4,800	26	30	29	137,000	159,000	140,000
Cumberland	700	600	1,000	300	300	700	27	27	26	8,000	8,100	18,000
Fentress	500	1/	1/	200	1/	1/	30	1/	1/	6,000	1/	1/
Franklin	15,000	15,600	10,000	12,500	12,800	6,500	40	35	29	500,000	442,000	190,000
Grundy	1,600	1,800	1,200	1,200	1,300	600	35	34	29	42,000	44,000	17,500
Marion	2,400	2,400	1,800	1,800	1,900	1,200	37	34	21	67,000	65,000	25,000
Overton	600	600	600	300	300	300	35	28	28	10,500	8,400	8,500
Putnam	1,300	1,000	600	600	500	300	33	32	25	20,000	16,000	7,500
Sequatchie	900	1,000	1,300	500	600	900	32	35	18	16,000	21,000	16,200
Warren	7,400	7,400	5,200	4,100	3,900	2,400	34	30	27	140,000	116,000	65,000
White	2,100	1,700	1,300	1,200	900	500	38	36	27	45,000	32,100	13,500
Other 1/	1,200	1,600	1,100	700	900	500	35	34	32	24,500	30,400	16,200
District 50	45,000	45,000	34,000	30,000	30,000	20,000	35	33	28	1,050,000	980,000	555,000
Blount	6,000	6,000	4,200	3,700	3,800	1,800	42	39	31	154,000	150,000	55,000
Bradley	2,600	2,500	2,400	700	600	400	37	36	25	26,000	21,500	10,000
Claiborne	500	800	1/	100	200	1/	35	33	1/	3,500	6,600	1/
Cocke	600	600	1/	300	200	1/	45	41	1/	13,500	8,200	1/
Grainger	800	900	1,700	200	200	1,100	40	43	32	8,000	8,500	35,000
Greene	4,100	4,100	3,400	1,500	1,500	1,200	34	27	32	51,000	41,000	38,000
Hamblen	1,400	1,400	1,000	700	700	500	39	40	38	27,000	28,000	19,000
Hamilton	1,300	1,200	1,100	600	500	500	17	30	29	10,000	15,000	14,500
Hawkins	1,100	1,100	600	700	700	175	40	31	31	28,000	22,000	5,500
Jefferson	2,500	2,500	1,600	1,400	1,500	600	41	40	37	57,000	59,800	22,000
Knox	1,100	1,100	700	600	500	150	35	40	40	21,000	20,000	6,000
Loudon	2,400	2,000	1,700	900	600	400	37	35	25	33,000	21,100	10,000
McMinn	5,100	5,300	4,500	1,300	1,100	1,500	38	35	37	49,000	38,500	56,000
Meigs	1,900	1,900	1,300	800	700	500	34	41	30	27,000	29,000	15,000
Monroe	4,500	4,200	2,900	1,600	1,200	800	31	31	37	50,000	37,000	29,800
Polk	2,800	2,400	3,700	1,200	800	1,700	38	40	29	45,000	32,000	50,000
Rhea	2,000	2,500	2,200	700	900	1,000	27	30	28	19,000	27,000	28,000
Roane	1/	600	1/	1/	400	1/	1/	32	1/	1/	12,800	1/
Sevier	500	1/	1/	300	1/	1/	40	1/	1/	12,000	1/	1/
Washington	900	1,000	800	200	400	100	40	45	32	8,000	18,000	3,200
Other 1/	1,900	1,900	3,200	500	500	575	36	38	31	18,000	19,000	18,000
District 60	44,000	44,000	37,000	18,000	17,000	13,000	37	36	32	660,000	615,000	415,000
State	540,000	580,000	440,000	450,000	490,000	320,000	42	36	24	18,900,000	17,640,000	7,680,000

1/ Less than 500 acres planted for all purposes, combined with other counties.

Corn

Wet Spring Limits Corn Production



CORN PRODUCTION

TOP FIVE COUNTIES

1. OBION	5,015,000
2. WEAKLEY	3,950,000
3. GIBSON	2,960,000
4. HENRY	2,560,000
5. ROBERTSON	2,115,000

BUSHELS

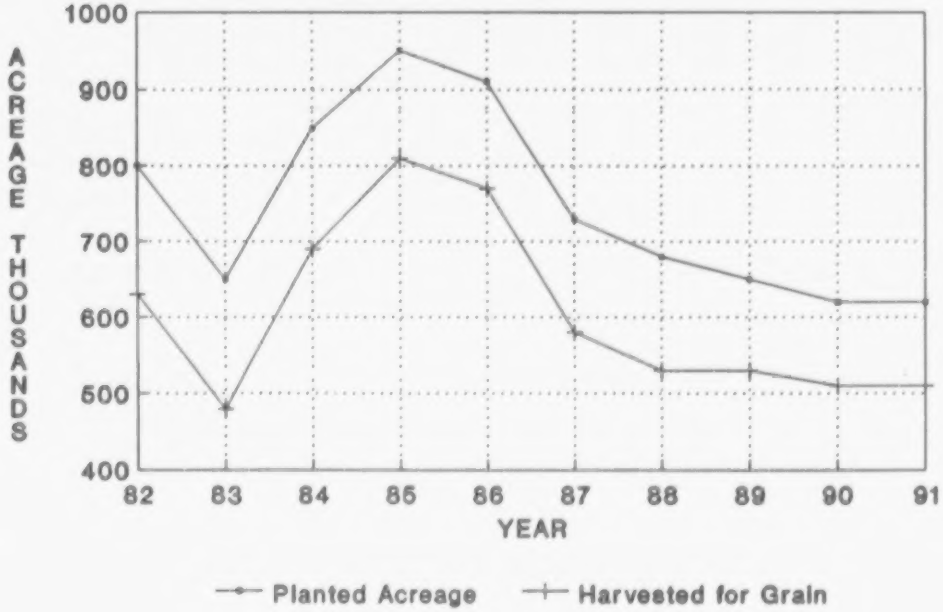
▩ **500,000 AND OVER**
▥ **300,000–499,999**
☰ **100,000–299,999**
▧ **10,000–99,999**
☐ **UNDER 10,000**

Late planting and hot, dry June weather diminished the 1991 corn crop. Excessive rains at planting time prevented farmers from planting the 670,000 acres intended. Instead growers only managed to match 1990's record low of 620,000 acres. Yields were affected by rains which flooded planted and unplanted fields. Some fields were robbed of nitrogen and other essential nutrients due to flooding and leaching. Hot weather during pollination also reduced corn yields. An excellent crop from the acreage planted on schedule was more than offset by below-average crop production in the late-plantings. The crop yielded 86 bushels per acre from 510,000 acres, the same as 1990. Total production from 510,000 acres harvested was 43.9 million bushels. Corn prices averaged $2.50 per bushel, up $0.07 from 1990. Corn for grain ranked as Tennessee's fifth leading valued crop behind tobacco, cotton, soybeans, and hay.

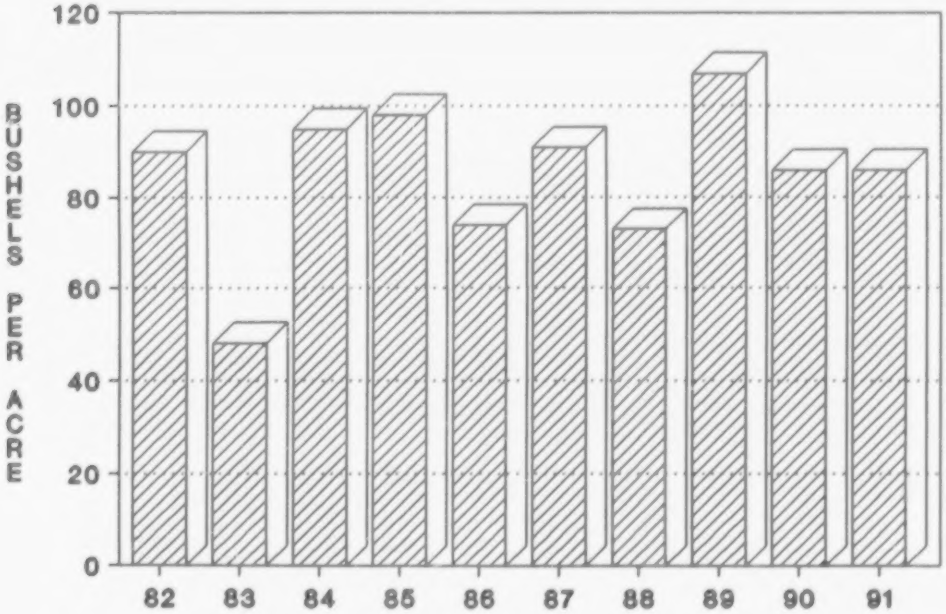
CORN: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1982-1991

Crop Year	Planted For All Purposes	Harvested For Grain	Yield Per Acre	Production For Grain	Marketing Year Average Price	Value Of Grain Production	Acreage Harvested For Silage	Yield Per Acre	Silage Production
	1,000 Acres		Bushels	1,000 Bushels	Dollars Per Bushel	1,000 Dollars	1,000 Acres	Tons	1,000 Tons
1982	800	630	90.0	56,700	2.65	150,255	150	16.5	2,475
1983	650	480	48.0	23,040	3.65	84,096	145	12.5	1,813
1984	850	690	95.0	65,550	2.90	190,095	135	17.0	2,295
1985	950	810	98.0	79,380	2.30	182,574	125	16.0	2,000
1986	910	770	74.0	56,980	1.65	94,017	130	12.0	1,560
1987	730	580	91.0	52,780	1.95	102,921	140	13.0	1,820
1988	680	530	73.0	38,690	2.75	106,398	125	10.0	1,250
1989	650	530	107.0	56,710	2.50	141,775	110	15.0	1,650
1990	620	510	86.0	43,860	2.43	106,580	100	16.0	1,600
1991	620	510	86.0	43,860	2.50	109,650	105	17.0	1,785

CORN: PLANTED & HARVESTED FOR GRAIN
TENNESSEE, 1982-1991



CORN: YIELD PER HARVESTED ACRE
TENNESSEE, 1982-1991



CORN: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1982-1991[1]

Crop Year	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Marketing Year Average
1982	2.45	2.20	2.50	2.60	2.60	2.80	2.85	3.20	3.20	3.30	3.50	3.90	2.65
1983	3.60	3.70	3.75	3.35	3.55	3.50	3.70	3.75	3.70	3.70	3.75	3.50	3.65
1984	3.30	2.90	2.80	2.75	2.75	2.90	2.90	2.95	2.85	2.85	2.80	2.50	2.90
1985	2.20	2.15	2.40	2.50	2.50	2.45	2.45	2.40	2.60	2.60	2.10	1.75	2.30
1986	1.55	1.55	1.70	1.70	1.60	1.55	1.60	1.70	1.85	1.85	1.75	1.60	1.65
1987	1.60	1.70	1.85	1.95	2.05	2.05	2.05	2.10	2.15	2.65	3.00	2.85	1.95
1988	2.80	2.80	2.65	2.75	2.75	2.75	2.85	2.75	2.80	2.70	2.60	2.45	2.75
1989	2.40	2.40	2.40	2.50	2.50	2.50	2.60	2.75	2.85	2.85	2.85	2.75	2.50
1990	2.40	2.35	2.35	2.45	2.45	2.50	2.60	2.65	2.55	2.50	2.50	2.50	2.43
1991	2.45	2.35	2.45	2.50	2.60	2.65	2.70						2.50 [2]

[1] Marketing year is September 1 of the current year through the following August 31.

[2] Preliminary, based on the first seven months of the marketing year.

CORN: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1986, 1987, AND 1988

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harvested Acre			Production For Grain		
	1986	1987	1988	1986	1987	1988	1986	1987	1988	1986	1987	1988
	Acres									Bushels		
Dyer	16,200	13,000	13,000	15,900	12,500	12,500	85	110	98	1,345,000	1,380,000	1,230,000
Lake	6,000	9,000	11,000	5,900	8,900	10,800	85	133	123	655,000	1,180,000	1,330,000
Lauderdale	8,500	11,000	11,000	7,800	10,200	10,000	84	120	91	655,000	1,220,000	910,000
Obion	62,000	51,000	56,000	61,000	49,300	53,000	107	121	110	6,550,000	5,980,000	5,820,000
Shelby	2,600	2,500	2,500	2,300	2,200	2,100	67	91	74	155,000	200,000	155,000
Tipton	2,700	3,500	3,500	2,100	2,900	2,600	67	90	67	140,000	260,000	175,000
District 10	98,000	90,000	97,000	95,000	86,000	91,000	100	119	106	9,500,000	10,220,000	9,620,000
Benton	12,000	8,500	8,000	11,500	7,700	7,400	60	86	74	690,000	660,000	550,000
Carroll	31,000	24,000	21,000	30,600	23,000	19,000	70	96	70	2,150,000	2,200,000	1,330,000
Chester	12,000	9,000	8,000	10,500	7,500	6,800	67	86	90	700,000	645,000	610,000
Crockett	1,800	3,000	2,900	1,600	2,600	2,600	69	96	71	110,000	250,000	185,000
Decatur	8,500	6,000	5,500	8,400	5,700	5,000	74	82	72	620,000	470,000	360,000
Fayette	12,000	11,500	11,000	10,200	9,000	8,700	71	87	76	720,000	785,000	660,000
Gibson	64,000	45,000	42,000	63,000	42,700	38,000	80	104	87	5,010,000	4,450,000	3,300,000
Hardeman	9,700	9,600	8,700	8,600	8,700	7,300	74	86	79	635,000	750,000	575,000
Hardin	12,500	10,000	10,200	12,200	9,700	8,900	62	82	70	760,000	800,000	620,000
Haywood	10,000	8,900	8,500	9,700	8,600	7,800	78	90	58	760,000	775,000	450,000
Henderson	27,000	18,500	17,500	26,500	18,000	16,400	73	98	87	1,925,000	1,770,000	1,430,000
Henry	46,000	30,000	28,000	44,000	26,000	24,500	72	95	57	3,175,000	2,470,000	1,400,000
McNairy	15,500	17,000	16,200	15,200	16,600	15,000	78	96	87	1,190,000	1,600,000	1,300,000
Madison	11,000	9,000	8,500	10,500	8,700	7,600	78	91	74	820,000	790,000	560,000
Weakley	59,000	52,000	53,000	57,500	48,500	49,000	92	109	91	5,265,000	5,285,000	4,440,000
District 20	332,000	262,000	249,000	320,000	243,000	224,000	77	98	79	24,530,000	23,700,000	17,770,000
Cheatham	3,600	2,400	2,200	3,100	1,900	1,700	68	76	60	210,000	145,000	102,000
Dickson	4,300	2,500	2,300	3,600	2,000	1,700	48	63	44	174,000	125,000	74,000
Hickman	7,100	5,000	4,600	6,600	4,600	4,100	64	80	65	420,000	370,000	265,000
Houston	1,900	1,300	1,200	1,700	1,100	1,000	56	73	50	95,000	80,000	50,000
Humphreys	10,000	8,500	8,000	9,300	7,000	6,700	77	92	72	720,000	645,000	480,000
Lawrence	29,000	20,000	16,000	26,500	15,100	12,500	68	88	49	1,800,000	1,323,000	612,000
Lewis	1,400	1,000	900	1,200	800	700	49	61	41	59,000	49,000	29,000
Montgomery	19,500	13,500	12,400	18,000	12,000	10,700	77	92	58	1,380,000	1,100,000	620,000
Perry	7,200	5,500	4,500	6,500	4,600	3,800	77	77	70	500,000	355,000	267,000
Robertson	28,000	25,000	23,000	26,000	21,400	19,000	74	101	42	1,915,000	2,170,000	804,000
Stewart	1,900	1,300	1,200	1,600	1,000	1,000	67	73	52	107,000	73,000	52,000
Wayne	6,100	4,000	3,700	5,900	3,500	3,100	54	67	47	320,000	235,000	145,000
District 30	120,000	90,000	80,000	110,000	75,000	66,000	70	89	53	7,700,000	6,670,000	3,500,000

CORN: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1986, 1987, AND 1988

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harvested Acre			Production For Grain		
	1986	1987	1988	1986	1987	1988	1986	1987	1988	1986	1987	1988
	Acres						Bushels					
Bedford	14,000	11,000	10,200	9,000	6,600	5,600	47	56	46	420,000	370,000	260,000
Cannon	9,500	8,000	7,300	8,000	6,000	6,000	65	63	61	520,000	380,000	365,000
Clay	3,500	2,000	1,900	3,100	1,500	1,500	55	65	45	170,000	97,000	68,000
Davidson	1,500	1,100	1,000	1,400	950	800	55	73	50	77,000	69,000	40,000
DeKalb	5,000	4,000	4,000	4,800	3,100	3,300	69	82	44	330,000	255,000	145,000
Giles	14,500	11,000	9,700	11,500	7,000	5,900	59	89	61	680,000	620,000	360,000
Jackson	2,800	2,000	1,600	2,600	1,650	1,300	52	61	35	134,000	100,000	46,000
Lincoln	17,000	14,400	13,600	13,500	10,500	9,300	79	72	54	1,070,000	760,000	500,000
Macon	7,000	5,000	4,500	6,400	4,000	4,000	56	85	53	360,000	340,000	210,000
Marshall	10,000	6,500	5,200	4,700	2,900	2,200	50	69	55	235,000	200,000	120,000
Maury	11,000	8,500	7,900	6,400	4,700	3,500	61	75	51	390,000	353,000	177,000
Moore	2,000	1,500	1,200	1,500	1,100	800	41	62	44	62,000	68,000	35,000
Rutherford	13,000	9,000	8,500	9,800	5,500	4,600	64	64	41	630,000	350,000	190,000
Smith	4,300	3,000	2,800	3,600	2,400	2,200	53	79	52	190,000	190,000	115,000
Sumner	11,000	9,000	7,600	9,800	7,200	6,000	44	89	42	430,000	640,000	250,000
Trousdale	2,000	1,700	1,500	1,800	1,500	1,200	53	83	54	95,000	125,000	65,000
Williamson	7,000	4,700	4,300	5,800	2,900	2,600	49	76	60	285,000	220,000	155,000
Wilson	3,900	2,600	2,200	2,300	1,500	1,200	53	62	41	122,000	93,000	49,000
District 40	139,000	105,000	95,000	106,000	71,000	62,000	58	74	51	6,200,000	5,230,000	3,150,000
Bledsoe	6,200	5,000	4,000	4,800	3,800	2,700	77	66	67	370,000	250,000	180,000
Coffee	20,000	19,000	17,000	17,500	14,900	13,700	69	60	49	1,215,000	900,000	670,000
Cumberland	4,700	3,000	2,500	2,800	1,600	1,400	59	75	60	165,000	120,000	84,000
Fentress	6,000	4,000	3,400	4,900	3,100	2,500	53	73	76	260,000	225,000	190,000
Franklin	22,600	22,500	19,000	21,000	19,900	15,400	83	73	49	1,735,000	1,460,000	760,000
Grundy	2,900	2,800	2,600	2,400	2,300	2,200	79	72	47	190,000	165,000	103,000
Marion	4,600	4,500	4,200	4,100	3,900	3,400	80	59	56	330,000	230,000	190,000
Morgan	3,000	2,200	1,900	2,400	1,700	1,400	56	74	63	134,000	125,000	88,000
Overton	5,500	3,800	3,000	4,400	2,600	2,000	68	75	50	300,000	195,000	100,000
Pickett	900	1/	1/	600	1/	1/	73	1/	1/	44,000	1/	1/
Putnam	4,500	2,800	2,400	4,100	2,100	1,800	59	70	47	240,000	147,000	85,000
Scott	1,600	1,100	1,000	1,200	800	700	75	84	74	90,000	67,000	52,000
Sequatchie	2,100	1,800	1,700	1,600	1,400	1,200	66	64	78	105,000	90,000	94,000
Van Buren	1,200	1/	1/	500	1/	1/	56	1/	1/	28,000	1/	1/
Warren	16,000	10,600	9,600	12,600	7,700	6,900	61	53	48	770,000	410,000	330,000
White	6,200	5,600	4,600	3,100	2,600	2,200	63	65	65	194,000	170,000	142,000
Other 1/	0	1,300	1,100	0	600	500	--	77	64	0	46,000	32,000
District 50	108,000	90,000	78,000	88,000	69,000	58,000	70	67	53	6,170,000	4,600,000	3,100,000
Anderson	1/	500	500	1/	200	200	1/	85	65	1/	17,000	13,000
Blount	7,000	6,000	5,900	4,100	2,800	2,400	52	64	52	215,000	180,000	125,000
Bradley	3,500	3,200	2,600	1,000	800	600	55	56	55	55,000	45,000	33,000
Campbell	1,000	800	700	700	500	400	77	90	65	54,000	45,000	26,000
Carter	800	800	800	500	400	400	56	65	50	28,000	26,000	20,000
Claiborne	3,200	2,500	2,200	1,200	1,000	900	59	82	66	71,000	82,000	59,000
Cocke	5,000	4,000	3,500	2,600	1,700	1,400	50	89	50	130,000	152,000	70,000
Grainger	2,300	1,500	1,300	1,000	600	500	72	58	50	72,000	35,000	25,000
Greene	17,000	13,000	12,000	6,500	4,700	3,500	49	61	50	320,000	288,000	175,000
Hamblen	3,700	3,200	2,500	2,200	1,600	1,200	68	59	55	150,000	95,000	66,000
Hamilton	1,600	1,600	1,500	600	850	700	53	62	49	32,000	53,000	34,000
Hancock	1,700	1,300	1,000	1,300	700	600	55	84	70	71,000	59,000	42,000
Hawkins	5,500	4,500	3,500	2,900	2,400	1,700	46	63	44	134,000	150,000	74,000
Jefferson	6,200	5,500	4,900	3,200	2,000	1,900	58	57	53	185,000	113,000	100,000
Johnson	2,600	2,000	1,800	1,700	1,100	900	79	84	78	135,000	92,000	70,000
Knox	3,400	2,900	2,400	1,800	1,700	1,100	58	81	64	105,000	137,000	70,000
Loudon	4,500	3,900	3,200	1,600	1,000	800	47	56	50	75,000	56,000	40,000
McMinn	8,500	7,500	6,200	3,200	1,700	1,600	58	55	44	187,000	93,000	71,000
Meigs	2,600	2,000	1,800	1,100	700	600	50	63	53	55,000	44,000	32,000
Monroe	5,500	5,500	4,500	2,100	1,900	1,600	70	63	58	146,000	120,000	92,000
Polk	3,200	2,800	2,400	2,000	1,600	1,100	61	68	47	121,000	108,000	52,000
Rhea	3,000	2,000	1,600	1,900	1,200	700	43	48	43	81,000	57,000	30,000
Roane	900	600	500	500	250	300	50	64	47	25,000	16,000	14,000
Sevier	2,200	1,300	1,100	1,800	900	600	72	69	67	130,000	62,000	40,000
Sullivan	5,000	3,700	3,500	1,900	1,400	1,100	72	59	50	137,000	82,000	55,000
Union	500	1/	1/	400	1/	1/	63	1/	1/	25,000	1/	1/
Washington	12,000	10,000	8,800	2,900	2,000	2,000	41	67	55	120,000	133,000	110,000
Other 1/	600	400	300	300	300	200	70	67	60	21,000	20,000	12,000
District 60	113,000	93,000	81,000	51,000	36,000	29,000	56	66	53	2,880,000	2,360,000	1,550,000
State	910,000	730,000	680,000	770,000	580,000	530,000	74	91	73	56,980,000	52,780,000	38,690,000

1/ Less than 500 acres planted for all purposes, combined with other counties.

CORN: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1989, 1990, AND 1991

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harvested Acre			Production For Grain		
	1989	1990	1991	1989	1990	1991	1989	1990	1991	1989	1990	1991
	Acres						Bushels					
Dyer	12,500	13,700	13,500	12,300	13,300	13,000	123	99	94	1,510,000	1,315,000	1,224,000
Lake	11,000	12,000	13,400	10,900	11,500	12,900	128	132	104	1,400,000	1,522,000	1,340,000
Lauderdale	9,400	10,000	8,000	8,400	9,200	7,100	113	91	92	950,000	835,000	650,000
Obion	59,700	48,200	57,300	55,800	47,000	56,000	128	111	90	7,120,000	5,200,000	5,015,000
Shelby	2,400	2,400	1,800	2,000	1,900	1,500	105	89	69	210,000	170,000	104,000
Tipton	3,000	2,700	2,000	2,600	2,100	1,500	104	85	78	270,000	178,000	117,000
District 10	98,000	89,000	96,000	92,000	85,000	92,000	125	108	92	11,460,000	9,220,000	8,450,000
Benton	6,000	5,000	4,800	5,700	4,800	4,500	86	74	77	490,000	355,000	345,000
Carroll	23,000	20,000	22,000	21,400	19,100	21,000	107	82	70	2,280,000	1,575,000	1,470,000
Chester	8,000	6,700	5,000	7,200	6,500	4,900	94	69	55	675,000	450,000	270,000
Crockett	2,600	2,600	1,900	2,400	2,500	1,600	108	70	78	260,000	175,000	125,000
Decatur	5,000	5,000	4,500	4,500	4,700	4,300	94	77	76	421,000	360,000	325,000
Fayette	12,000	9,400	8,500	9,600	8,700	8,100	97	68	68	932,000	590,000	550,000
Gibson	45,500	39,000	41,000	42,600	37,600	40,000	113	81	74	4,800,000	3,050,000	2,960,000
Hardeman	10,000	9,100	7,000	8,600	8,100	6,200	91	75	56	780,000	605,000	345,000
Hardin	10,000	10,500	5,500	8,600	9,500	4,700	86	71	70	742,000	675,000	330,000
Haywood	8,400	6,000	5,000	7,900	5,600	4,600	97	73	77	770,000	410,000	355,000
Henderson	15,000	14,200	12,000	14,400	13,500	11,500	101	83	75	1,460,000	1,125,000	860,000
Henry	26,000	27,500	28,000	24,400	25,700	26,600	122	85	96	2,970,000	2,190,000	2,560,000
McNairy	15,000	13,000	7,500	14,300	12,700	7,100	99	82	75	1,420,000	1,040,000	530,000
Madison	8,000	8,000	7,300	7,400	7,500	6,900	104	92	64	770,000	690,000	445,000
Weakley	51,500	44,000	53,000	47,000	41,500	49,000	127	88	81	5,970,000	3,640,000	3,950,000
District 20	246,000	220,000	213,000	226,000	208,000	201,000	109	81	77	24,740,000	16,930,000	15,420,000
Cheatham	2,000	1,500	900	1,800	1,300	800	70	85	80	126,000	110,000	64,000
Dickson	1,800	1,500	1,400	1,500	1,300	1,100	85	73	87	127,000	95,000	96,000
Hickman	3,800	3,600	3,300	3,500	3,300	3,000	109	85	78	380,000	280,000	233,000
Houston	1,000	900	800	900	700	600	94	93	85	85,000	65,000	51,000
Humphreys	8,000	8,700	6,000	7,300	8,100	5,200	116	96	79	847,000	780,000	410,000
Lawrence	14,800	14,800	12,800	11,600	11,500	9,400	107	70	74	1,240,000	805,000	695,000
Lewis	700	600	500	600	500	400	90	86	70	54,000	43,000	28,000
Montgomery	12,500	12,000	13,000	11,300	11,300	12,500	120	93	110	1,360,000	1,050,000	1,370,000
Perry	4,500	4,300	4,300	3,900	3,900	4,000	92	90	64	360,000	350,000	255,000
Robertson	21,000	20,800	22,000	19,300	19,100	20,400	112	76	104	2,170,000	1,455,000	2,115,000
Stewart	1,500	1,100	1,200	1,300	1,000	1,100	90	87	80	117,000	87,000	88,000
Wayne	3,400	3,200	3,800	3,000	3,000	3,500	98	73	64	294,000	220,000	225,000
District 30	75,000	73,000	70,000	66,000	65,000	62,000	108	82	91	7,160,000	5,340,000	5,630,000

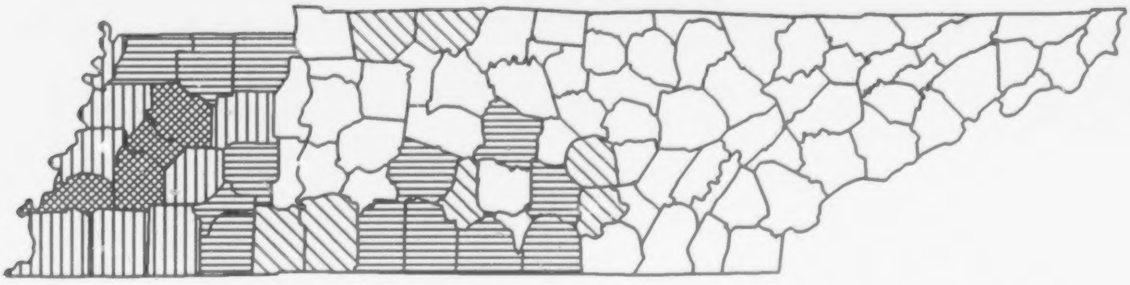
CORN: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1989, 1990, AND 1991

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harvested Acre			Production For Grain		
	1989	1990	1991	1989	1990	1991	1989	1990	1991	1989	1990	1991
	Acres						Bushels					
Bedford	10,200	10,200	11,000	6,500	7,000	8,500	95	71	91	618,000	500,000	770,000
Cannon	5,500	6,500	6,300	4,600	5,000	5,000	83	85	90	380,000	425,000	450,000
Clay	1,500	1,500	1,600	1,300	1,300	1,400	93	65	79	121,000	85,000	110,000
Davidson	900	900	900	800	800	800	83	74	80	66,000	59,000	64,000
DeKalb	3,300	2,800	3,100	2,600	2,300	2,400	80	76	82	207,000	175,000	197,000
Giles	10,300	11,700	11,600	6,600	8,800	8,600	101	67	96	664,000	590,000	825,000
Jackson	1,400	1,500	1,000	1,200	1,400	900	73	69	76	88,000	96,000	68,000
Lincoln	12,700	13,000	13,400	9,200	9,900	10,500	73	65	81	670,000	645,000	855,000
Macon	3,700	3,400	3,400	3,100	2,800	3,000	100	70	88	310,000	195,000	265,000
Marshall	4,900	5,000	4,500	3,000	3,300	2,400	74	71	88	221,000	235,000	210,000
Maury	7,600	8,100	9,000	4,500	4,400	5,000	109	90	92	490,000	395,000	460,000
Moore	1,000	900	800	800	700	600	90	74	83	72,000	52,000	50,000
Rutherford	7,400	8,600	8,500	5,600	5,300	5,100	77	78	85	429,000	415,000	435,000
Smith	2,200	2,400	3,000	1,800	1,700	2,300	82	85	90	148,000	145,000	207,000
Sumner	5,800	6,500	6,700	4,800	5,400	5,500	88	67	95	422,000	362,000	525,000
Trousdale	1,800	1,800	1,200	1,600	1,600	1,000	92	64	70	147,000	102,000	70,000
Williamson	2,800	3,100	4,400	1,500	2,200	3,200	90	88	96	135,000	193,000	307,000
Wilson	2,000	2,100	1,600	1,500	1,100	800	81	74	90	122,000	81,000	72,000
District 40	85,000	90,000	92,000	61,000	65,000	67,000	87	73	89	5,310,000	4,750,000	5,940,000
Bledsoe	3,800	3,600	3,600	2,700	2,600	2,500	88	81	86	237,000	210,000	215,000
Coffee	15,300	16,500	16,500	13,100	13,700	13,500	90	73	90	1,180,000	1,000,000	1,220,000
Cumberland	2,300	2,200	2,800	1,600	1,400	2,000	70	84	87	112,000	117,000	173,000
Fentress	3,200	3,400	4,200	2,700	3,000	3,800	85	78	87	230,000	234,000	330,000
Franklin	19,000	19,000	19,200	15,000	16,100	15,800	114	102	103	1,710,000	1,640,000	1,620,000
Grundy	2,600	2,600	3,000	2,000	2,100	2,300	100	90	111	200,000	190,000	255,000
Marion	3,900	4,100	3,900	3,000	3,200	3,200	95	90	97	285,000	288,000	310,000
Morgan	1,700	1,800	1,400	1,200	1,300	1,000	70	96	94	84,000	125,000	94,000
Overton	2,900	2,700	2,700	2,000	1,800	1,700	100	89	89	200,000	160,000	152,000
Pickett	1/	700	600	1/	600	500	1/	88	88	1/	53,000	44,000
Putnam	1,800	1,700	1,200	1,300	1,300	800	77	79	81	100,000	103,000	65,000
Scott	900	900	1,000	700	600	700	76	82	91	53,000	49,000	64,000
Sequatchie	1,700	1,800	1,800	1,100	1,300	1,400	90	84	87	99,000	109,000	122,000
Van Buren	1/	900	800	1/	300	300	1/	63	80	1/	19,000	24,000
Warren	8,200	7,100	8,100	6,500	5,300	6,000	96	67	90	621,000	357,000	540,000
White	3,500	3,000	3,200	2,400	1,400	1,500	92	83	88	220,000	116,000	132,000
Other 1/	1,200	0	0	700	0	0	84	--	--	59,000	0	0
District 50	72,000	72,000	74,000	56,000	56,000	57,000	96	85	94	5,390,000	4,770,000	5,360,000
Anderson	500	1/	1/	200	1/	1/	75	1/	1/	15,000	1/	1/
Blount	5,000	4,900	5,100	3,000	3,300	3,100	115	90	108	345,000	297,000	335,000
Bradley	2,800	2,700	2,700	700	600	500	81	75	88	57,000	45,000	44,000
Campbell	700	700	600	400	300	300	80	100	113	32,000	30,000	34,000
Carter	900	1,000	1,100	500	400	500	76	88	88	38,000	35,000	44,000
Claiborne	2,300	2,400	2,100	1,100	1,200	800	82	100	98	90,000	120,000	78,000
Cocke	3,000	3,000	2,200	1,400	1,300	1,000	107	87	99	150,000	113,000	99,000
Grainger	1,600	1,800	1,700	700	800	1,000	89	103	110	62,000	82,000	110,000
Greene	9,500	10,000	10,300	3,000	2,900	3,200	82	89	99	245,000	258,000	317,000
Hamblen	2,400	2,600	2,000	1,100	1,300	1,000	82	90	95	90,000	117,000	95,000
Hamilton	1,200	1,100	1,100	700	600	700	66	58	80	46,000	35,000	56,000
Hancock	1,000	1,000	700	700	700	300	90	94	90	63,000	66,000	27,000
Hawkins	3,200	3,800	2,700	1,600	2,100	1,500	84	90	95	135,000	189,000	143,000
Jefferson	4,000	3,500	3,800	1,500	1,800	1,800	90	105	111	135,000	189,000	200,000
Johnson	1,500	1,600	1,800	800	900	1,000	108	109	109	86,000	98,000	109,000
Knox	2,300	2,300	1,900	1,100	1,000	700	81	75	99	89,000	75,000	69,000
Loudon	2,800	3,500	3,400	800	800	900	100	101	100	80,000	81,000	90,000
McMinn	6,500	5,800	5,700	1,500	1,500	1,000	83	95	100	125,000	143,000	100,000
Meigs	1,800	1,800	2,200	600	500	1,000	90	84	93	54,000	42,000	93,000
Monroe	4,200	4,000	5,500	1,400	1,500	3,500	103	91	94	144,000	137,000	330,000
Polk	2,000	2,200	2,500	1,100	1,400	1,800	100	110	97	110,000	154,000	175,000
Rhea	2,000	1,900	2,100	1,200	1,400	1,700	75	77	89	90,000	108,000	152,000
Roane	500	500	1/	300	300	1/	93	90	1/	28,000	27,000	1/
Sevier	900	700	700	600	700	600	100	91	98	60,000	64,000	59,000
Sullivan	3,000	3,000	3,000	900	1,200	1,000	94	87	94	85,000	104,000	94,000
Washington	8,000	9,400	9,000	1,800	2,000	1,500	94	100	103	170,000	200,000	154,000
Other 1/	400	800	1,100	300	500	600	87	82	106	26,000	41,000	53,000
District 60	74,000	76,000	75,000	29,000	31,000	31,000	91	92	99	2,650,000	2,850,000	3,060,000
State	650,000	620,000	620,000	530,000	510,000	510,000	107	86	86	56,710,000	43,860,000	43,860,000

1/ Less than 500 acres planted for all purposes, combined with other counties.

Cotton

Cotton Crop Breaks Record



COTTON PRODUCTION

TOP FIVE COUNTIES

1.	HAYWOOD	121,000
2.	CROCKETT	100,000
3.	TIPTON	75,000
4.	GIBSON	69,000
5.	LAUDERDALE	58,000

▩ **60,000 AND OVER**

▥ **10,000–59,999**

▤ **1,000–9,999**

▧ **UNDER 1,000**

☐ **NO PRODUCTION**

Despite a slow start, Tennessee cotton growers produced a record 701,000 bales. Farmers struggled with wet soils through June but managed to plant 620,000 acres, 95,000 acres more than in 1990. On May 25, 1991, only 60 percent of the crop had been planted. Usually by this date, only a fraction of the crop remains to be planted. In the summer months that followed the outlook was grim. A lack of moisture caused plants to cast off bolls and some blooms. Farmers feared that this crop would not be at an acceptable stage of development before the first frost in the fall. However, their hopes for an extended warm fall were realized. Cotton farmers harvested 610,000 acres and produced an astonishing 701,000 bales, 206,000 more than produced in 1990, and broke the record production set in 1953. The state average yield was 552 pounds of lint per acre. This compares with 461 last year and slightly exceeds the five-year average. Prices fell during 1991 and averaged for the season 53.8 cents per pound, down 12 cents from 1990. Growers averaged a disappointing $62.50 per ton for cottonseed compared with $112.00 per ton in 1990. The total value of production of cotton lint and cottonseed in 1991 was $198.3 million compared with $177.8 million the previous year. Cotton was Tennessee's second leading valued crop in 1991 behind tobacco.

COTTON: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1982-1991

Crop Year	Acreage		Yield Per Acre	Production		Ginnings[2]
	Planted	Harvested		Lint[1]	Seed	
	1,000 Acres		Pounds Lint	1,000 Bales	1,000 Tons	1,000 Bales
1982	260	255	638	339	132	336.7
1983	220	215	337	151	60	149.6
1984	340	325	498	337	133	335.9
1985	340	335	600	419	160	415.5
1986	340	335	567	396	157	396.6
1987	440	435	700	634	235	634.4
1988	535	530	529	584	237	583.1
1989	465	460	497	476	176	474.4
1990	525	515	461	495	192	491.2
1991	620	610	552	701	277	700.0

[1] Production in 480 pound net weight bales.

[2] Equivalent 480 pound net weight bales ginned, not adjusted for cross state movement. Bureau of the Census prior to 1991.

COTTON LINT: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1982-1991[1]

Crop Year	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Marketing Year Average
						Cents Per Pound							
1982	57.1	57.8	58.8	58.9	55.7	56.0	52.3	58.5	59.6	67.5	63.7	63.4	58.0
1983	66.5	69.0	68.7	69.1	68.8	66.0	66.1	69.4	68.6	74.0	70.6	--	68.5
1984	--	64.0	61.8	59,2	53.6	51.4	47.4	48.9	48.6	--	--	--	56.7
1985	--	56.1	54.1	53.6	50.8	51.3	48.1	57.7	57.2	57.9	58.9	--	53.6
1986	--	47.1	47.3	48.5	49.5	49.5	48.6	47.6	53.5	58.9	--	--	49.0
1987	64.4	64.4	64.1	63.1	63.1	61.4	56.3	54.5	55.9	57.5	58.9	57.9	63.0
1988	54.2	50.1	51.3	51.7	52.6	54.6	53.3	56.0	57.1	57.2	56.5	59.2	53.9
1989	59.3	59.0	64.1	63.7	62.1	60.1	60.7	63.4	63.7	63.1	64.5	64.4	63.0
1990	64.1	64.9	65.8	65.3	68.8	65.3	70.8	65.6	66.7	64.8	67.9	66.7	65.8
1991	63.7	62.8	59.3	57.6	53.6	50.9	49.6	50.6					53.8 [2]

COTTONSEED: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1982-1991[1]

Crop Year	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Marketing Year Average
						Dollars Per Ton							
1982	--	75.0	67.0	67.0	65.0	--	--	--	--	--	--	--	69.0
1983	--	--	160.0	165.0	160.0	160.0	160.0	160.0	160.0	--	--	--	161.0
1984	--	--	100.0	90.0	80.0	75.0	80.0	--	--	--	--	--	90.5
1985	--	54.0	52.0	55.0	56.0	53.0	--	--	--	--	--	--	53.0
1986	--	--	66.0	72.0	--	--	--	--	--	--	--	--	66.5
1987	--	77.0	77.0	79.0	77.0	--	--	--	--	--	--	--	77.0
1988	--	111.0	110.0	114.0	108.0	--	--	--	--	--	--	--	111.0
1989	--	--	--	102.0	93.0	--	--	--	--	--	--	--	102.0
1990	--	110.0	110.0	113.0	110.0	--	--	--	--	--	--	--	112.0
1991	--	--	64.5	58.0	--	--	--	--					62.5 [2]

[1] Marketing year is August 1 of the current year through July 31 of the following year.

[2] Preliminary based on the first eight months of the marketing year.

COTTON: FARM MARKETINGS, BY MONTHS, TENNESSEE, 1981-1990

Crop Year	Year of Production					Following Year						
	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
						Percent By Month						
1981	0.3	5.6	27.3	33.7	14.5	4.8	1.4	2.7	3.4	2.6	1.4	2.3
1982	1.1	13.6	30.8	22.5	19.3	5.3	1.5	1.5	1.5	1.5	1.1	0.3
1983	0.8	10.3	31.3	25.8	15.0	9.3	3.4	1.5	1.3	1.3	--	--
1984	--	0.8	18.3	33.8	36.2	7.0	0.8	0.6	2.5	--	--	--
1985	--	2.7	24.6	38.5	13.9	6.4	2.1	1.6	4.8	4.3	1.1	--
1986	--	0.8	13.9	26.4	35.8	16.1	3.0	1.4	2.0	0.6	--	--
1987	0.2	6.6	32.7	35.8	13.6	4.7	1.3	0.9	0.6	2.2	1.1	0.3
1988	3.0	5.1	7.6	15.5	13.5	21.5	8.8	7.6	3.1	4.7	5.3	4.3
1989	1.5	0.9	16.7	32.0	18.2	9.8	7.7	5.1	3.9	1.9	1.5	0.8
1990	0.3	0.6	30.5	29.2	23.7	6.8	3.3	1.1	1.3	1.0	1.1	1.1

COTTON: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1986, 1987, AND 1988

District and County	Acreage Planted			Acreage Harvested			Yield Per Harvested Acre			Production 480 lbs. Net Wt.		
	1986	1987	1988	1986	1987	1988	1986	1987	1988	1986	1987	1988
	Acres						Pounds			Bales		
Dyer	9,400	14,800	22,100	9,300	14,600	21,800	578	658	539	11,200	20,000	24,500
Lake	1,550	2,500	5,600	1,500	2,450	5,500	563	862	707	1,760	4,400	8,100
Lauderdale	17,300	27,000	38,300	17,000	26,600	37,700	599	812	541	21,200	45,000	42,500
Obion	1,050	1,700	2,400	1,000	1,650	2,300	595	669	543	1,240	2,300	2,600
Shelby	18,200	24,000	26,200	18,000	23,400	26,000	507	585	452	19,000	28,500	24,500
Tipton	33,500	50,000	55,000	33,200	49,400	54,400	544	700	516	37,600	72,000	58,500
District 10	81,000	120,000	149,600	80,000	118,100	147,700	522	700	522	92,000	172,200	160,700
Carroll	5,200	8,500	14,200	5,100	8,400	14,000	574	563	463	6,100	9,850	13,500
Chester	2,500	3,840	5,800	2,400	3,740	5,700	560	533	480	2,800	4,150	5,700
Crockett	62,000	72,000	79,000	61,000	71,500	78,000	622	749	615	79,000	111,500	100,000
Fayette	35,000	44,000	52,000	34,500	43,500	51,700	557	690	511	40,000	62,500	55,000
Gibson	30,600	39,400	50,000	30,300	39,000	49,800	507	661	520	32,000	53,700	54,000
Hardeman	15,800	20,000	24,300	15,700	19,800	24,200	504	587	456	16,500	24,200	23,000
Hardin	300	200	400	300	200	380	512	528	505	320	220	400
Haywood	66,000	80,000	95,000	65,000	79,400	94,300	595	744	529	80,600	123,000	104,000
Henderson	1,535	1,800	2,400	1,500	1,770	2,330	576	637	494	1,800	2,350	2,400
Henry	65	360	350	65	360	350	554	573	480	75	430	350
McNairy	2,300	2,700	3,100	2,150	2,650	3,000	487	562	520	2,180	3,100	3,250
Madison	30,500	38,800	49,000	30,000	38,300	48,800	552	721	502	34,500	57,500	51,000
Weakley	700	1,400	1,250	685	1,380	1,250	508	522	461	725	1,500	1,200
Other Counties	---	---	200	---	---	190	---	---	505	---	---	200
District 20	252,500	313,000	377,000	248,700	310,000	374,000	572	703	531	296,600	454,000	414,000
Lawrence	360	260	260	350	260	250	411	425	442	300	230	230
District 30	360	260	260	350	260	250	411	425	442	300	230	230
Giles	300	530	840	300	530	830	480	607	463	300	670	800
Lincoln	2,100	2,440	2,700	2,050	2,400	2,680	749	500	537	3,200	2,500	3,000
Rutherford	1,600	1,470	2,200	1,500	1,440	2,170	400	567	509	1,250	1,700	2,300
District 40	4,000	4,440	5,740	3,850	4,370	5,680	592	535	515	4,750	4,870	6,100
Franklin	2,140	2,300	2,400	2,100	2,270	2,370	537	571	602	2,350	2,700	2,970
District 50	2,140	2,300	2,400	2,100	2,270	2,370	537	571	602	2,350	2,700	2,970
State	340,000	440,000	535,000	335,000	435,000	530,000	567	700	529	396,000	634,000	584,000

COTTON: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1989, 1990, AND 1991

District and County	Acreage Planted			Acreage Harvested			Yield Per Harvested Acre			Production 480 lbs. Net Wt.		
	1989	1990	1991	1989	1990	1991	1989	1990	1991	1989	1990	1991
			Acres					Pounds			Bales	
Dyer	19,000	23,000	35,500	18,700	21,400	34,900	449	476	557	17,500	21,200	40,500
Lake	5,000	6,200	13,100	4,950	5,450	12,500	519	660	599	5,350	7,490	15,600
Lauderdale	34,000	42,000	53,200	33,300	37,800	49,200	512	489	566	35,500	38,500	58,000
Obion	1,900	2,600	5,300	1,850	2,550	5,200	454	680	628	1,750	3,610	6,800
Shelby	24,000	25,700	31,900	23,400	25,300	31,700	435	406	485	21,200	21,400	32,000
Tipton	47,400	56,500	64,000	47,000	55,800	63,500	516	478	567	50,500	55,600	75,000
District 10	131,300	156,000	203,000	129,200	148,300	197,000	490	478	555	131,800	147,800	227,900
Carroll	12,600	13,000	16,900	12,300	12,900	16,800	429	458	614	11,000	12,300	21,500
Chester	5,000	4,500	4,500	4,800	4,300	4,400	380	357	537	3,800	3,200	4,920
Crockett	71,800	77,500	84,000	71,300	77,200	83,600	567	459	574	84,200	73,900	100,000
Fayette	44,200	48,400	47,200	43,700	48,300	47,000	502	468	531	45,700	47,100	52,000
Gibson	43,000	46,000	62,500	42,600	45,800	62,000	480	470	534	42,600	44,800	69,000
Hardeman	20,000	20,000	21,600	19,800	19,900	21,400	417	461	493	17,200	19,100	22,000
Hardin	240	470	820	240	470	585	420	388	501	210	380	610
Haywood	82,000	96,300	107,000	81,800	95,500	105,000	505	450	553	86,000	89,500	121,000
Henderson	2,400	2,100	2,050	2,350	2,030	2,035	419	442	554	2,050	1,870	2,350
Henry	180	200	930	180	200	930	480	504	568	180	210	1,100
McNairy	2,800	3,000	2,200	2,700	3,000	2,150	409	406	574	2,300	2,540	2,570
Madison	41,200	46,800	51,500	41,000	46,600	51,300	486	440	539	41,500	42,700	57,600
Weakley	1,200	1,230	1,800	1,150	1,200	1,800	480	440	493	1,150	1,100	1,850
Other 1/	80	0	0	80	0	0	420	---	---	70	0	0
District 20	326,700	359,500	403,000	324,000	357,400	399,000	501	455	549	337,960	338,700	456,500
Lawrence	170	150	1,375	160	140	1,375	450	240	653	150	70	1,870
Wayne	0	0	480	0	0	480	---	---	590	0	0	590
Other 1/	0	0	145	0	0	145	---	---	463	0	0	140
District 30	170	150	2,000	160	140	2,000	450	240	624	150	70	2,600
Giles	670	830	1,000	640	815	1,000	413	381	682	550	647	1,420
Lincoln	2,400	2,500	2,900	2,350	2,450	2,900	449	425	536	2,200	2,170	3,240
Maury	0	1,020	1,360	0	1,010	1,360	---	475	406	0	1,000	1,150
Rutherford	1,760	2,225	2,300	1,700	2,200	2,300	395	395	490	1,400	1,810	2,350
Other 1/	0	25	40	0	25	40	---	442	480	0	23	40
District 40	4,830	6,600	7,600	4,690	6,500	7,600	425	417	518	4,150	5,650	8,200
Coffee	0	500	1,500	0	490	1,500	---	416	586	0	425	1,830
Franklin	2,000	2,250	2,750	1,950	2,170	2,750	478	521	656	1,940	2,355	3,760
Other 1/	0	0	150	0	0	150	---	---	672	0	0	210
District 50	2,000	2,750	4,400	1,950	2,660	4,400	478	502	633	1,940	2,780	5,800
State	465,000	525,000	620,000	460,000	515,000	610,000	497	461	552	476,000	495,000	701,000

1/ Not published to avoid disclosing individual farm reports.

COTTONSEED: PRODUCTION, FARM DISPOSITION, SALES, AND VALUE, TENNESSEE, 1982-1991

Crop Year	Production	Farm Disposition			Marketing Year Avg. Price	Value of Production	Value of Sales to Oil Mills
		Sales to Oil Mills	Other[1]	Used for Planting[2]			
			1,000 Tons		Dollars Per Ton	1,000 Dollars	
1982	132	113	19	7.2	69.00	9,108	7,797
1983	60	50	10	4.6	161.00	9,660	8,050
1984	133	124	9	4.6	90.50	12,037	11,222
1985	160	130	30	3.6	53.00	8,480	6,890
1986	157	152	5	4.6	66.50	10,441	10,108
1987	235	229	6	5.6	77.00	18,095	17,633
1988	237	232	5	4.9	111.00	26,307	25,752
1989	176	163	13	5.5	102.00	17,952	16,626
1990	192	190	2	6.5	112.00	21,504	21,280
1991	277	263	14	6.5	62.50	17,313	16,438

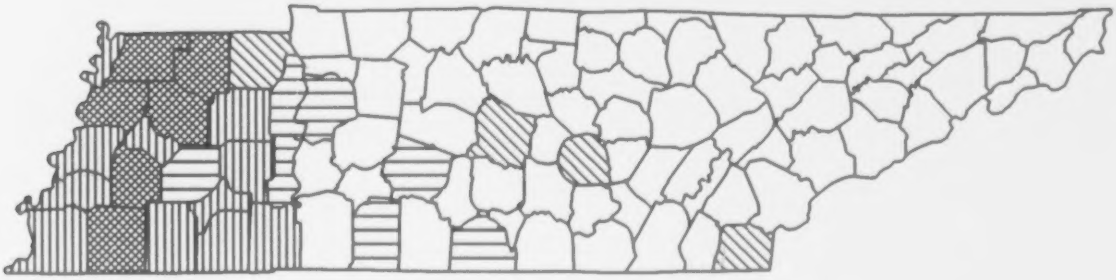
[1] Includes planting seed, exports, inter-farm sales, shrinkage, losses and other uses.

[2] Included in "other" farm disposition. Planting seed from previous years crop.

COTTON AND COTTONSEED: PRICE AND VALUE, TENNESSEE, 1982-1991

Crop Year	Lint		Cottonseed		Combined Value of Lint and Cottonseed
	Marketing Year Average Price	Value of Production	Marketing Year Average Price	Value of Production	
	Cents Per Pound	1,000 Dollars	Dollars Per Ton	1,000 Dollars	1,000 Dollars
1982	58.00	94,378	69.00	9,108	103,486
1983	68.50	49,649	161.00	9,660	59,309
1984	56.70	91,718	90.50	12,037	103,755
1985	53.60	107,800	53.00	8,480	116,280
1986	49.00	93,139	66.50	10,441	103,580
1987	63.00	191,722	77.00	18,095	209,817
1988	53.90	151,092	111.00	26,307	177,399
1989	63.00	143,942	102.00	17,952	161,894
1990	65.80	156,341	112.00	21,504	177,845
1991	53.80	181,026	62.50	17,313	198,339

Sorghum Yield Down On Expanded Acreage



SORGHUM PRODUCTION

TOP FIVE COUNTIES

1.	DYER	955,000
2.	GIBSON	535,000
3.	WEAKLEY	330,000
4.	FAYETTE	315,000
5.	HAYWOOD	304,000

BUSHELS

▩	**150,000 AND OVER**
▥	**50,000–149,999**
▤	**25,000–49,999**
▧	**10,000–24,999**
□	**UNDER 10,000**

Sorghum acreage expanded to 75,000 acres in 1991, a jump from the 60,000 acres planted in 1990. Most of the increased acreage was originally intended for corn. Persistent wet weather resulted in farmers substituting sorghum when the optimum planting date for corn passed. The yield was a disappointing 65 bushel per acre, 12 bushels less than a year ago. Growers combined 65,000 acres. Acreage planted for other uses or abandoned totaled 10,000 acres. Total grain production amounted to 4.2 million bushels.

Dyer county was the leading county, as producers in this location accounted for almost a quarter of the state's production. The six Mississippi Delta counties, coupled with Gibson, Fayette, Haywood and Weakley represented nearly 75 percent of the state's crop.

The 1991 grain sorghum crop was valued at $9.9 million compared with $9.6 million in 1990. The market year average price increased by nearly a dime to $2.35 compared with $2.26 a year earlier.

SORGHUM: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1982-1991

Crop Year	Planted For All Purposes	Harvested For Grain	Yield Per Acre	Production For Grain	Marketing Year Average Price	Value of Grain Production	Acreage Harvested For Silage	Yield Per Acre	Silage Production
	1,000 Acres		Bushels	1,000 Bushels	Dollars Per Bushels	1,000 Dollars	1,000 Acres	Tons	1,000 Tons
1982	100	85	65.0	5,525	1.90	10,498	3	13.0	39
1983	110	95	53.0	5,035	2.97	14,954	6	12.0	72
1984	280	260	80.0	20,800	2.24	46,592	6	13.0	78
1985	480	465	80.0	37,200	1.88	69,936	6	14.0	84
1986	180	165	65.0	10,725	1.34	14,372	8	12.0	96
1987	70	60	70.0	4,200	1.55	6,510	6	11.0	66
1988	45	35	65.0	2,275	2.41	5,483	8	9.0	72
1989	35	27	75.0	2,025	2.32	4,698	6	11.0	66
1990	60	55	77.0	4,235	2.26	9,571	3	14.0	42
1991	75	65	65.0	4,225	2.35	9,929	7	13.0	91

SORGHUM: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1982-1991[1]

Crop Year	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Marketing Year Average
						Dollars Per Bushel							
1982	2.25	2.15	2.25	2.20	2.50	2.35	2.45	2.55	2.55	2.55	2.60	3.15	1.90
1983	3.05	2.95	3.00	2.85	2.95	2.80	3.00	3.10	3.15	2.60	2.40	2.40	2.97
1984	2.30	2.15	2.20	2.25	2.35	2.25	2.40	2.40	2.40	2.30	1.70	1.75	2.24
1985	1.60	1.75	2.00	2.08	2.10	2.07	2.10	2.15	2.32	2.18	1.64	1.30	1.88
1986	1.24	1.32	1.40	1.38	1.32	1.31	1.37	1.40	1.58	1.54	1.34	1.25	1.34
1987	1.35	1.41	1.52	1.57	1.62	1.71	1.74	1.75	1.85	2.60	2.95	2.47	1.55
1988	2.43	2.41	2.35	2.35	2.52	2.60	2.62	2.35	2.18	2.40	2.38	2.21	2.41
1989	2.32	2.35	2.35	2.41	2.39	2.40	2.41	2.59	2.66	2.66	2.52	2.46	2.32
1990	2.32	2.20	2.15	2.26	2.34	2.34	2.42	2.48	2.32	2.20	2.19	2.32	2.26
1991	2.29	2.35	2.33	2.38	2.44	2.50	2.50						2.35[2]

[1] Marketing year is September 1 of the current year through the following August 31.

[2] Preliminary based on the first seven months of the marketing year.

SORGHUM: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1986, 1987, AND 1988

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harvested Acre			Production For Grain		
	1986	1987	1988	1986	1987	1988	1986	1987	1988	1986	1987	1988
				Acres						Bushels		
Dyer	32,000	16,200	8,500	31,600	15,500	8,000	85	87	85	2,685,000	1,350,000	680,000
Lake	3,000	2,800	1,000	2,900	2,700	1,000	83	87	95	240,000	235,000	95,000
Lauderdale	7,500	3,200	1,100	7,300	2,900	1,000	70	78	66	510,000	225,000	66,000
Obion	3,500	1,400	500	3,400	1,300	500	88	79	78	300,000	103,000	39,000
Shelby	4,000	2,000	1,100	3,900	1,900	1,000	59	61	59	230,000	115,000	59,000
Tipton	8,000	2,900	1,500	7,900	2,700	1,300	59	79	74	465,000	212,000	96,000
District 10	58,000	28,500	13,700	57,000	27,000	12,800	78	83	81	4,430,000	2,240,000	1,035,000
Benton	2,700	1/	600	2,400	1/	400	50	1/	65	120,000	1/	26,000
Carroll	2,500	1,100	600	2,300	900	500	61	64	52	140,000	58,000	26,000
Chester	2,700	1,000	500	2,600	900	450	50	61	58	130,000	55,000	26,000
Crocket	1,900	1,600	700	1,800	1,500	600	59	67	62	106,000	101,000	37,000
Decatur	2,000	1,100	1,000	1,900	1,000	800	52	47	50	98,000	47,000	40,000
Fayette	15,600	6,000	4,000	15,300	5,700	3,600	58	60	63	880,000	342,000	227,000
Gibson	21,000	5,100	3,100	19,300	4,000	2,600	69	70	73	1,340,000	280,000	190,000
Hardeman	5,500	2,300	1,200	5,300	2,100	1,000	58	51	50	310,000	108,000	50,000
Hardin	6,700	1,500	1,400	6,500	1,300	1,100	46	52	50	300,000	68,000	55,000
Haywood	5,400	2,200	1,300	5,300	2,100	1,100	64	76	66	340,000	160,000	73,000
Henderson	2,300	600	1/	2,100	500	1/	57	46	1/	119,000	23,000	1/
Henry	2,200	1/	1/	2,100	1/	1/	57	1/	1/	120,000	1/	1/
McNairy	5,500	1,800	1,500	5,300	1,700	1,300	54	62	54	287,000	105,000	70,000
Madison	2,200	1,000	1/	2,100	900	1/	57	63	1/	120,000	57,000	1/
Weakley	6,800	1,300	1,600	6,100	1,100	1,400	82	64	56	500,000	70,000	78,000
Other 1/	--	1,000	1,100	--	900	850	1/	73	58	1/	66,000	49,000
District 20	85,000	27,600	18,600	80,400	24,600	15,700	61	63	60	4,910,000	1,540,000	947,000
Hickman	800	1/	1/	600	1/	1/	50	1/	1/	30,000	1/	1/
Humphreys	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Lawrence	2,700	500	1/	2,500	300	1/	52	58	1/	130,000	17,300	1/
Lewis	600	1/	1/	500	1/	1/	48	1/	1/	23,800	1/	1/
Montgomery	800	1/	1/	600	1/	1/	57	1/	1/	34,000	1/	1/
Perry	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Robertson	1,400	500	1/	1,200	400	1/	47	55	1/	56,000	22,000	1/
Wayne	1,300	1/	1/	1,200	1/	1/	42	1/	1/	50,300	1/	1/
Other 1/	1,700	1,100	1,800	1,400	700	1,300	51	52	54	70,900	36,700	70,000
District 30	9,300	2,100	1,800	8,000	1,400	1,300	49	54	54	395,000	76,000	70,000
Bedford	3,000	1,000	700	2,000	450	300	55	47	40	110,000	21,000	12,000
DeKalb	900	1/	1/	600	1/	1/	58	1/	1/	35,000	1/	1/
Giles	1,500	1/	1/	1,100	1/	1/	50	1/	1/	55,000	1/	1/
Lincoln	2,500	900	700	1,800	450	300	60	58	43	108,000	26,000	13,000
Marshall	1,000	650	500	800	500	200	40	44	45	32,000	22,000	9,000
Maury	2,000	800	700	1,600	500	400	47	56	46	75,000	28,000	18,500
Rutherford	4,500	2,000	1,400	3,400	1,200	700	41	46	43	138,000	55,000	30,000
Williamson	1,200	1/	500	900	1/	250	41	1/	42	37,000	1/	10,500
Other 1/	1,400	1,350	1,000	1,000	800	450	50	48	44	50,000	38,000	20,000
District 40	18,000	6,700	5,500	13,200	3,900	2,600	48	49	43	640,000	190,000	113,000
Coffee	900	1/	1/	800	1/	1/	60	1/	1/	48,000	1/	1/
Franklin	500	1/	500	400	1/	450	55	1/	32	22,000	1/	14,300
Marion	600	1/	1/	400	1/	1/	60	1/	1/	24,000	1/	1/
Warren	2,600	1,400	700	1,400	500	350	60	55	44	84,000	27,400	15,400
White	600	1/	1/	500	1/	1/	52	1/	1/	26,000	1/	1/
Other 1/	800	1,000	900	600	800	500	52	37	41	31,000	29,600	20,300
District 50	6,000	2,400	2,100	4,100	1,300	1,300	57	44	38	235,000	57,000	50,000
Greene	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
McMinn	1/	1/	500	1/	1/	200	1/	1/	50	1/	1/	10,000
Polk	1,100	700	600	700	350	200	57	55	47	40,000	19,400	9,400
Other 1/	2,600	2,000	2,200	1,600	1,450	900	47	54	45	75,000	77,600	40,600
District 60	3,700	2,700	3,300	2,300	1,800	1,300	50	54	46	115,000	97,000	60,000
State	180,000	70,000	45,000	165,000	60,000	35,000	65	70	65	10,725,000	4,200,000	2,275,000

1/ Less than 500 acres planted for all purposes, combined with other counties.

SORGHUM: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES FOR 1989, 1990, AND 1991

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harvested Acre			Production For Grain		
	1989	1990	1991	1989	1990	1991	1989	1990	1991	1989	1990	1991
	Acres						Bushels					
Dyer	9,450	11,400	14,400	8,950	11,300	14,100	88	89	68	788,000	1,010,000	955,000
Lake	1/	2,000	1,700	1/	1,950	1,400	1/	92	71	1/	180,000	100,000
Lauderdale	1,620	1,300	1,600	1,500	1,300	1,500	89	79	72	133,000	103,000	108,000
Obion	1/	4,400	4,000	1/	4,300	3,700	1/	98	80	1/	420,000	295,000
Shelby	600	600	900	540	600	800	65	60	65	35,000	36,000	52,000
Tipton	2,000	1,600	2,100	1,800	1,550	2,000	64	77	66	115,000	120,000	132,000
Other 1/	830	0	0	810	0	0	91	--	--	74,000	0	0
District 10	14,500	21,300	24,700	13,600	21,000	23,500	84	89	70	1,145,000	1,869,000	1,642,000
Benton	1/	1,100	700	1/	950	500	1/	70	52	1/	66,500	26,000
Carroll	1/	2,400	1,900	1/	2,300	1,600	1/	69	58	1/	159,000	92,000
Chester	640	1,600	1,800	500	1,500	1,700	50	70	56	25,200	105,000	96,000
Crocket	740	1,200	1,800	600	1,100	1,700	80	78	66	48,000	86,000	113,000
Decatur	1/	700	900	1/	650	800	1/	55	54	1/	35,500	43,000
Fayette	4,770	5,000	5,100	4,200	4,800	4,700	70	65	67	293,000	310,000	315,000
Gibson	1,320	7,000	8,000	900	6,900	7,800	77	80	69	69,000	550,000	535,000
Hardeman	750	1,100	3,000	550	1,000	2,900	55	52	49	30,000	52,000	141,000
Hardin	560	700	1,000	300	600	900	53	67	60	16,000	40,000	54,000
Haywood	1,670	3,000	4,400	1,400	2,900	4,300	80	76	71	112,000	220,000	304,000
Henderson	1/	600	1,500	1/	550	1,400	1/	75	53	1/	41,000	74,000
Henry	1/	800	500	1/	750	200	1/	64	50	1/	48,000	10,000
McNairy	1/	800	1,500	1/	750	1,300	1/	51	55	1/	38,000	72,000
Madison	620	900	600	500	850	500	54	49	50	27,000	42,000	25,000
Weakley	570	3,600	4,800	400	3,500	4,700	93	88	70	37,000	307,000	330,000
Other 1/	1,460	0	0	850	0	0	59	--	--	49,800	0	0
District 20	13,100	30,500	37,500	10,200	29,100	35,000	69	72	64	707,000	2,100,000	2,230,000
Humphreys	1/	1/	700	1/	1/	600	1/	1/	50	1/	1/	29,700
Lawrence	1/	1/	900	1/	1/	700	1/	1/	57	1/	1/	39,600
Montgomery	530	1/	1/	320	1/	1/	58	1/	1/	18,500	1/	1/
Other 1/	920	1,500	1,600	580	1,000	1,100	58	55	58	33,500	55,000	63,400
District 30	1,450	1,500	3,200	900	1,000	2,400	58	55	55	52,000	55,000	132,700
Lincoln	1/	900	900	1/	800	480	1/	67	70	1/	53,400	33,400
Maury	1/	500	900	1/	350	600	1/	39	57	1/	13,600	34,000
Rutherford	1/	500	600	1/	350	250	1/	52	59	1/	18,200	14,700
Other 1/	2,250	1,500	1,800	900	1,000	970	43	51	47	39,000	50,800	45,900
District 40	2,250	3,400	4,200	900	2,500	2,300	43	54	56	39,000	136,000	128,000
Warren	1/	600	500	1/	450	270	1/	55	65	1/	24,800	17,600
Other 1/	1,050	700	1,700	500	350	530	54	43	49	27,000	15,200	25,900
District 50	1,050	1,300	2,200	500	800	800	54	50	54	27,000	40,000	43,500
Polk	520	500	700	120	100	200	63	60	50	7,500	6,000	10,000
Other 1/	2,130	1,500	2,500	780	500	800	61	58	49	47,500	29,000	38,800
District 60	2,650	2,000	3,200	900	600	1,000	61	58	49	55,000	35,000	48,800
State	35,000	60,000	75,000	27,000	55,000	65,000	75	77	65	2,025,000	4,235,000	4,225,000

1/ Less than 500 acres planted for all purposes, combined with other counties.

Hay

ALL HAY: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1982-1991

Crop Year	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average	Value of Production
	1,000 Acres	Tons	1,000 Tons	Dollars Per Ton	1,000 Dollars
1982	1,330	1.65	2,190	47.50	104,025
1983	1,330	1.50	1,994	49.50	98,703
1984	1,450	1.74	2,528	52.00	131,456
1985	1,600	1.93	3,080	52.00	160,160
1986	1,400	1.54	2,152	61.00	131,272
1987	1,590	1.70	2,698	53.00	142,994
1988	1,610	1.45	2,331	58.00	135,198
1989	1,700	2.06	3,499	48.50	169,452
1990	1,500	2.17	3,255	49.00	159,338
1991	1,650	1.98	3,263	51.00	166,241

ALFALFA: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1982-1991

Crop Year	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average	Value of Production
	1,000 Acres	Tons	1,000 Tons	Dollars Per Ton	1,000 Dollars
1982	130	3.00	390	66.00	25,740
1983	120	2.50	300	70.50	21,150
1984	100	3.00	300	72.00	21,600
1985	100	3.80	380	72.00	27,360
1986	120	3.00	360	88.00	31,680
1987	140	2.70	378	98.00	37,044
1988	110	2.10	231	100.00	23,100
1989	90	3.10	279	88.00	24,552
1990	70	3.60	252	102.00	25,704
1991	80	3.50	280	93.00	26,040

ALL OTHER HAY: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1982-1991

Crop Year	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average	Value of Production
	1,000 Acres	Tons	1,000 Tons	Dollars Per Ton	1,000 Dollars
1982	1,200	1.50	1,800	43.50	78,285
1983	1,210	1.40	1,694	46.00	77,553
1984	1,350	1.65	2,228	49.50	109,856
1985	1,500	1.80	2,700	49.00	132,800
1986	1,280	1.40	1,792	55.50	99,952
1987	1,450	1.60	2,320	45.50	105,950
1988	1,500	1.40	2,100	53.50	112,098
1989	1,610	2.00	3,220	45.00	144,900
1990	1,430	2.10	3,003	44.50	133,634
1991	1,570	1.90	2,983	47.00	140,201

HAY: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1982-1991

DOLLARS PER TON

Crop Year	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Marketing Year Average[1]
							Alfalfa Hay						
1982	62.00	66.00	63.00	62.00	66.00	68.00	70.00	56.00	71.60	69.00	67.90	70.80	66.00
1983	70.00	77.00	66.00	73.00	64.00	64.00	66.00	67.00	81.00	85.00	70.00	68.00	70.50
1984	68.00	72.00	74.00	73.00	73.00	77.00	70.00	65.00	69.00	75.00	70.00	70.00	72.00
1985	65.00	65.00	65.00	65.00	65.00	70.00	75.00	78.00	85.00	85.00	80.00	85.00	72.00
1986	82.00	86.00	86.00	84.00	92.00	85.00	88.00	94.00	92.00	90.00	84.00	96.00	88.00
1987	94.00	94.00	109.00	106.00	99.00	97.00	97.00	97.00	97.00	97.00	96.00	92.00	98.00
1988	90.00	95.00	98.00	102.00	101.00	102.00	105.00	105.00	103.00	106.00	106.00	97.00	100.00
1989	86.00	86.00	87.00	88.00	84.00	91.00	94.00	91.00	93.00	87.00	83.00	93.00	88.00
1990	95.00	90.00	97.00	101.00	105.00	107.00	107.00	104.00	105.00	107.00	108.00	103.00	102.00
1991	99.00	96.00	86.00	91.00	93.00	101.00	93.00	103.00	93.00	84.00	79.00		93.00[2]
							All Other Hay						
1982	44.00	47.00	45.00	46.00	47.00	45.00	46.00	41.00	42.70	48.00	45.30	43.20	43.50
1983	40.30	41.00	48.00	46.00	46.00	46.00	46.00	50.00	50.00	49.00	55.00	54.00	46.00
1984	50.00	57.00	48.00	49.00	43.00	45.00	48.00	45.00	50.00	50.00	55.00	49.00	49.50
1985	44.00	49.00	45.00	45.00	48.00	50.00	54.00	54.00	49.00	49.00	48.00	50.00	49.00
1986	55.00	59.00	55.00	55.00	60.00	57.00	51.00	57.00	57.00	55.00	55.00	52.00	55.50
1987	51.00	53.00	46.00	52.00	48.00	44.00	45.00	48.00	46.00	45.00	46.00	46.00	45.50
1988	52.00	57.00	52.00	50.00	50.00	52.00	52.00	56.00	56.00	57.00	53.00	50.00	53.50
1989	53.00	48.00	46.00	47.00	42.00	44.00	41.00	41.00	44.00	42.00	44.00	43.00	45.00
1990	46.00	47.00	43.00	41.00	39.00	42.00	47.00	47.00	47.00	46.00	47.00	47.00	44.50
1991	50.00	52.00	48.00	50.00	47.00	46.00	46.00	43.00	46.00	45.00	49.00		47.00[2]
							All Hay						
1982	46.00	49.00	47.00	48.00	49.00	47.00	48.00	43.00	45.60	50.10	47.60	46.00	47.50
1983	43.30	45.00	50.00	49.00	48.00	48.00	48.00	52.00	53.00	53.00	56.00	55.00	49.50
1984	52.00	58.00	57.00	51.00	50.00	48.00	51.00	50.00	53.00	54.00	57.00	52.00	52.00
1985	47.00	51.00	51.00	50.00	50.00	53.00	57.00	58.00	54.00	54.00	53.00	55.00	52.00
1986	59.00	63.00	60.00	59.00	65.00	61.00	56.00	62.00	62.00	60.00	59.00	58.00	61.00
1987	56.00	58.00	53.00	58.00	54.00	50.00	51.00	54.00	52.00	51.00	52.00	52.00	53.00
1988	55.00	61.00	57.00	53.00	56.00	57.00	57.00	61.00	61.00	62.00	59.00	54.00	58.00
1989	56.00	51.00	49.00	50.00	46.00	48.00	45.00	45.00	48.00	46.00	47.00	47.00	48.50
1990	50.00	50.00	47.00	46.00	44.00	47.00	51.00	51.00	51.00	51.00	52.00	50.00	49.00
1991	54.00	56.00	51.00	54.00	51.00	51.00	50.00	48.00	50.00	48.00	52.00		51.00[2]

[1] Marketing year is May 1 of the current year through April 30 of the following year.

[2] Preliminary based on the first eleven months of the marketing year.

HAY: PRODUCTION, STOCKS ON FARMS, TENNESSEE, 1982-1991

Crop Year	Production	Stocks			
		January 1[1]	Percent Of Production	May 1[1]	Percent Of Production
	1,000 Tons	1,000 Tons		1,000 Tons	
1982	2,190	1,730	79.0	416	19.0
1983	1,994	1,396	70.0	359	18.0
1984	2,528	1,795	71.0	455	18.0
1985	3,080	2,064	67.0	524	17.0
1986	2,152	1,980 [2]	92.0	258	12.0
1987	2,698	2,536	94.0	378	14.0
1988	2,331	2,075	89.0	350	15.0
1989	3,499	2,904	83.0	840	24.0
1990	3,255	2,767	85.0	651	20.0
1991	3,263	2,839	87.0	653	20.0

[1] Following year stocks.

[2] December 1 of crop year beginning in 1986.

HAY: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1991

District and County	Alfalfa			All Other Hay			Total		
	Acreage Harvested	Yield Per Acre	Production	Acreage Harvested	Yield Per Acre	Production	Acreage Harvested	Yield Per Acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Dyer	900	4.2	3,800	7,100	1.5	11,000	8,000	1.9	14,800
Lake	1/			900	2.6	2,300	2/		
Lauderdale	600	3.5	2,100	2,900	2.1	6,000	3,500	2.3	8,100
Obion	1,200	3.8	4,500	9,100	1.5	13,800	10,300	1.8	18,300
Shelby	800	3.3	2,600	12,400	1.6	19,900	13,200	1.7	22,500
Tipton	1/			4,600	2.2	10,000	2/		
Other 2/	500	3.2	1,600	0	---	0	6,000	2.3	13,900
District 10	4,000	3.7	14,600	37,000	1.7	63,000	41,000	1.9	77,600
Benton	1/			6,000	2.1	12,500	2/		
Carroll	700	2.9	2,000	11,600	1.7	19,500	12,300	1.7	21,500
Chester	1/			6,200	2.1	13,000	2/		
Crockett	1/			3,200	1.5	4,800	2/		
Decatur	1/			12,500	1.8	22,000	2/		
Fayette	1/			18,500	1.8	33,000	2/		
Gibson	500	3.0	1,500	12,500	2.1	26,500	13,000	2.2	28,000
Hardeman	1/			13,000	1.6	21,000	2/		
Hardin	1/			10,500	1.6	16,500	2/		
Haywood	1/			4,000	1.6	6,400	2/		
Henderson	1/			18,500	1.7	31,000	2/		
Henry	1,700	3.3	5,600	16,000	2.1	33,000	17,700	2.2	38,600
McNairy	1/			8,500	1.8	15,000	2/		
Madison	500	2.6	1,300	9,000	1.6	14,000	9,500	1.6	15,300
Weakley	1,500	3.3	5,000	10,000	1.7	16,800	11,500	1.9	21,800
Other 2/	1,400	3.1	4,300	0	---	0	102,300	1.8	179,500
District 20	6,300	3.1	19,700	160,000	1.8	285,000	166,300	1.8	304,700
Cheatham	1/			7,800	1.9	15,000	2/		
Dickson	900	2.9	2,600	19,400	1.8	34,000	20,300	1.8	36,600
Hickman	1/			16,500	1.8	29,000	2/		
Houston	1/			5,700	1.6	9,000	2/		
Humphreys	1/			11,000	1.8	20,000	2/		
Lawrence	1,000	3.6	3,600	29,100	1.8	52,000	30,100	1.8	55,600
Lewis	1/			3,500	1.8	6,200	2/		
Montgomery	1,100	3.0	3,300	21,500	1.5	31,600	22,600	1.5	34,900
Perry	1/			4,100	1.9	7,800	2/		
Robertson	2,700	3.7	9,900	40,500	1.8	71,000	43,200	1.9	80,900
Stewart	1/			3,900	1.9	7,400	2/		
Wayne	1/			15,000	1.8	27,000	2/		
Other 2/	1,100	3.3	3,600	0	---	0	68,600	1.8	125,000
District 30	6,800	3.4	23,000	178,000	1.7	310,000	184,800	1.8	333,000
Bedford	1,300	3.2	4,200	31,000	1.9	58,000	32,300	1.9	62,200
Cannon	800	2.9	2,300	15,500	2.1	32,000	16,300	2.1	34,300
Clay	1/			9,700	1.9	18,000	2/		
Davidson	1/			12,800	1.7	21,500	2/		
DeKalb	1/			14,700	2.0	29,000	2/		
Giles	1,400	2.9	4,000	44,000	1.8	79,000	45,400	1.8	83,000
Jackson	1/			11,000	1.7	18,500	2/		
Lincoln	1,200	2.9	3,500	50,000	1.9	93,000	51,200	1.9	96,500
Macon	500	2.4	1,200	16,800	1.7	28,000	17,300	1.7	29,200
Marshall	2,300	3.1	7,200	31,000	2.0	62,000	33,300	2.1	69,200
Maury	2,600	2.9	7,500	54,000	1.8	95,000	56,600	1.8	102,500
Moore	1/			9,000	2.0	18,000	2/		
Rutherford	3,100	3.6	11,300	42,000	1.8	75,000	45,100	1.9	86,300
Smith	1/			22,000	1.8	39,000	2/		
Sumner	2,300	3.2	7,400	39,500	1.7	67,000	41,800	1.8	74,400
Trousdale	1/			13,000	1.7	22,000	2/		
Williamson	2,700	3.5	9,500	45,000	1.7	76,000	47,700	1.8	85,500
Wilson	1,000	3.0	3,000	39,000	1.9	74,000	40,000	1.9	77,000
Other 2/	2,000	3.0	6,000	0	---	0	94,200	1.8	172,000
District 40	21,200	3.2	67,100	500,000	1.8	905,000	521,200	1.9	972,100

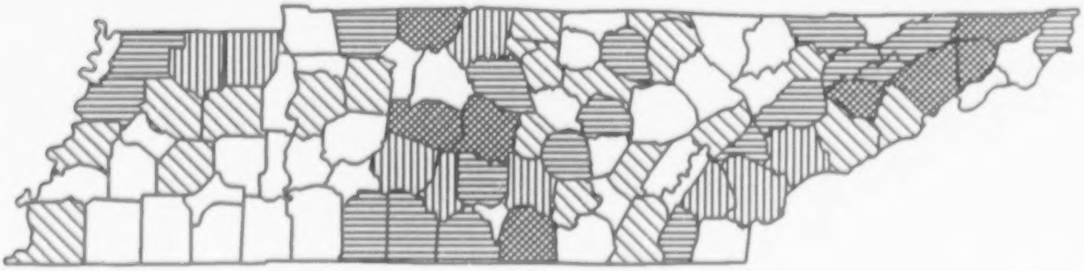
1/ Less than 500 acres harvested, combined with other counties.
2/ Not published — alfalfa acreage less than 500.

HAY: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1991

District and County	Alfalfa			All Other Hay			Total		
	Acreage Harvested	Yield Per Acre	Production	Acreage Harvested	Yield Per Acre	Production	Acreage Harvested	Yield Per Acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Bledsoe	800	3.5	2,800	19,400	1.7	33,000	20,200	1.8	35,800
Coffee	1,400	3.8	5,300	24,000	2.0	48,000	25,400	2.1	53,300
Cumberland	1/			14,500	1.9	27,000	2/		
Fentress	1/			10,500	1.9	20,000	2/		
Franklin	2,600	4.7	12,200	17,000	2.1	35,000	19,600	2.4	47,200
Grundy	800	3.1	2,500	5,300	1.8	9,500	6,100	2.0	12,000
Marion	1/			9,000	1.9	17,000	2/		
Morgan	1/			6,000	2.1	12,500	2/		
Overton	1,000	3.0	3,000	21,600	1.7	36,000	22,600	1.7	39,000
Pickett	500	3.2	1,600	8,500	1.8	15,500	9,000	1.9	17,100
Putnam	500	3.4	1,700	18,500	2.1	38,600	19,000	2.1	40,300
Scott	1/			6,500	1.7	11,000	2/		
Sequatchie	1/			3,700	1.8	6,500	2/		
Van Buren	1/			5,500	1.7	9,400	2/		
Warren	1,200	3.3	4,000	34,000	2.0	67,000	35,200	2.0	71,000
White	1,000	3.2	3,200	26,000	1.9	49,000	27,000	1.9	52,200
Other 2/	1,100	3.3	3,600	0	---	0	56,800	1.9	107,000
District 50	10,900	3.7	39,900	230,000	1.9	435,000	240,900	2.0	474,900
Anderson	1/			8,000	2.2	17,500	2/		
Blount	1,400	4.1	5,800	26,500	2.2	58,000	27,900	2.3	63,800
Bradley	1,300	3.7	4,800	16,500	1.9	32,000	17,800	2.1	36,800
Campbell	1/			6,000	2.2	13,000	2/		
Carter	1/			6,500	2.1	13,500	2/		
Claiborne	900	3.6	3,200	23,000	2.2	50,000	23,900	2.2	53,200
Cocke	600	3.8	2,300	12,300	2.2	27,000	12,900	2.3	29,300
Grainger	1,300	3.4	4,400	16,500	1.9	32,000	17,800	2.0	36,400
Greene	4,300	4.2	18,200	59,000	2.2	127,000	63,300	2.3	145,200
Hamblen	1,100	3.5	3,800	12,600	2.2	28,000	13,700	2.3	31,800
Hamilton	1/			8,800	2.0	18,000	2/		
Hancock	1/			6,500	2.2	14,500	2/		
Hawkins	1,400	3.5	4,900	23,000	2.3	53,000	24,400	2.4	57,900
Jefferson	3,100	3.4	10,500	25,500	2.2	55,000	28,600	2.3	65,500
Johnson	1,000	3.3	3,300	8,000	2.3	18,000	9,000	2.4	21,300
Knox	1,000	3.0	3,000	18,500	2.5	46,000	19,500	2.5	49,000
Loudon	1,000	4.2	4,200	22,500	2.0	44,000	23,500	2.1	48,200
McMinn	2,000	3.8	7,600	29,000	2.1	61,500	31,000	2.2	69,100
Meigs	1/			9,200	1.9	17,500	2/		
Monroe	2,200	3.4	7,400	21,000	1.9	39,000	23,200	2.0	46,400
Polk	1/			6,500	2.0	13,000	2/		
Rhea	1/			11,500	1.8	21,000	2/		
Roane	1/			10,500	2.1	22,500	2/		
Sevier	1/			12,800	2.2	28,000	2/		
Sullivan	2,200	4.3	9,500	20,000	2.1	41,000	22,200	2.3	50,500
Unicoi	1/			800	2.5	2,000	2/		
Union	1/			9,000	2.0	18,000	2/		
Washington	3,000	3.9	11,700	35,000	2.1	75,000	38,000	2.3	86,700
Other 2/	3,000	3.7	11,100	0	---	0	99,100	2.1	209,600
District 60	30,800	3.8	115,700	465,000	2.1	985,000	495,800	2.2	1,100,700
State	80,000	3.5	280,000	1,570,000	1.9	2,983,000	1,650,000	2.0	3,263,000

1/ Less than 500 acres harvested, combined with other counties.
2/ Not published — alfalfa acreage less than 500.

TENNESSEE ALFALFA: 1991 PRODUCTION



ALFALFA HAY PRODUCTION

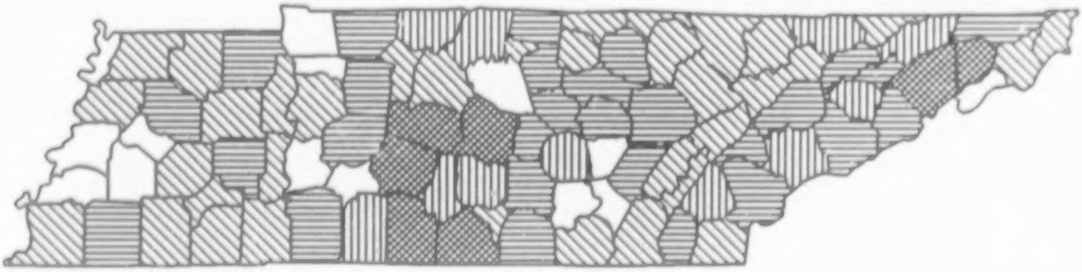
TOP FIVE COUNTIES

1. GREENE	18,200
2. FRANKLIN	12,200
3. WASHINGTON	11,700
4. RUTHERFORD	11,300
5. JEFFERSON	10,500

TONS

▩	8,000 AND OVER
▥	5,000-7,999
▤	3,000-4,999
▧	1,000-2,999
□	UNDER 1,000

TENNESSEE ALL OTHER HAY: 1991 PRODUCTION



ALL OTHER HAY PRODUCTION

TOP FIVE COUNTIES

1. GREENE	127,000
2. MAURY	95,000
3. LINCOLN	93,000
4. GILES	79,000
5. WILLIAMSON	76,000

TONS

▩	75,000 AND OVER
▥	50,000-74,999
▤	25,000-49,999
▧	10,000-24,999
□	UNDER 10,000

Grain Stocks

GRAIN STOCKS BY STORAGE POSITION, TENNESSEE, SELECTED YEARS

Year	January 1			April 1		
	On Farm	Off Farm[1]	Total	On Farm	Off Farm[1]	Total
	1,000 Bushels			1,000 Bushels		
			SOYBEANS			
1982	15,863	19,501	35,364	6,463	6,684	13,147
1983	17,676	16,925	34,601	6,705	9,505	16,210
1984	9,456	10,677	20,133	4,728	4,633	9,361
1985	14,911	10,842	25,753	9,620	4,257	13,877
1986	10,862	11,992	22,854	4,979	4,771	9,750

GRAIN STOCKS BY STORAGE POSITION, TENNESSEE, 1987-1991

Year	December 1			Following March 1		
	On Farm[2]	Off Farm[1]	Total	On Farm[2]	Off Farm[1]	Total
	1,000 Bushels			1,000 Bushels		
			SOYBEANS			
1987	6,500	8,231	14,731	3,800	6,228	10,028
1988	5,500	11,200	16,700	2,000	5,157	7,157
1989	7,400	11,587	18,987	4,000	3,875	7,875
1990	7,000	13,246	20,246	4,000	8,173	12,173
1991	**8,000**	**14,067**	**22,067**	**4,300**	**7,333**	**11,633**
			CORN			
1987		24,250			21,211	
1988		17,363			11,721	
1989		10,031			7,624	
1930		7,105			6,553	
1991		**9,507**			**7,679**	
			WHEAT			
1987		3,660			3,721	
1988		7,060			5,059	
1989		3,672			1,966	
1990		6,180			4,437	
1991		**4,592**			**3,605**	

[1] Includes stocks at mills, elevators, warehouses, terminals, and processors.
[2] Estimates for stocks, other than soybeans, are not published for this category.

GRAIN STOCKS BY STORAGE POSITION, TENNESSEE, SELECTED YEARS

Year	June 1			September 1		
	On Farm[1]	Off Farm[2]	Total	On Farm[1]	Off Farm[2]	Total
		1,000 Bushels			1,000 Bushels	
				SOYBEANS		
1982	3,819	2,944	6,763	1,293	1,165	2,458
1983	4,267	4,599	8,866	1,524	2,514	4,038
1984	1,576	3,391	4,967	630	1,483	2,113
1985	5,772	2,058	7,830	3,367	1,169	4,536
1986	4,073	3,566	7,639	1,800	2,179	3,979
1987	1,700	7,836	9,536	1,300	2,107	3,407
1988	1,000	2,281	3,281	600	1,848	2,448
1989	900	362	1,262	600	170	770
1990	1,200	3,000	4,200	500	655	1,155
1991	**3,000**	**2,394**	**5,394**	**1,500**	**1,201**	**2,701**
				CORN		
1987		15,767			14,057	
1988		19,477			12,474	
1989		7,180			4,405	
1990		5,964			2,388	
1991		**4,170**			**1,834**	
				WHEAT		
1987		2,859			4,470	
1988		2,837			10,471	
1989		1,670			5,054	
1990		1,313			8,248	
1991		**2,870**			**5,768**	
				GRAIN SORGHUM		
1987	1,650	5,725	7,375	1,000	5,787	6,787
1988	400	6,033	6,433	500	4,687	5,187
1989	300	2,633	2,933	200	2,608	2,808
1990		1,474			1,560	
1991		**1,013**			**602**	

[1] Estimates for stocks,other than soybeans,are not published for this category. Sorghum estimates discontinued after 1989.

[2] Includes stocks at mills, elevators, warehouses, terminals, and processors.

Vegetables

MOST ACREAGE SINCE 1946 BUT ONLY AVERAGE CROP

For the second year in a row, Tennessee's tomato growers expanded operations and produced the fourth largest crop ever recorded. Farmers increased their acreage 9 percent to 5,100 acres, the most since 1946. However, heavy rains followed by hot, dry, mid-summer weather caused flooding, disease problems and an overall drop in production and fruit quality. Excessively wet fields fostered a high incidence of blight forcing growers to abandon 8 percent or 400 acres. Yields per acre varied considerably, especially by the size of operation. In general, large growers (100+acres) and small ones (1-10 acres) produced a better crop than medium-sized (11-99 acres) growers. Production, at 846,000 hundredweight, was down 2 percent from 1990. Growers received an average of $21.00 per hundredweight. The value of Tennessee's tomato crop was $17.8 million, down 14 percent from 1990. Market conditions varied widely, from very strong in the spring to very poor in the summer and fall.

TOMATOES, FRESH MARKET: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1982-1991

Crop Year	Acreage		Yield Per Acre	Production	Marketing Year Average Price Per Cwt.	Value of Production
	Planted	Harvested				
	Acres		Cwt	1,000 Cwt	Dollars	1,000 Dollars
1982	4,500	4,300	125	538	23.10	12,428
1983	4,300	4,000	100	400	20.00	8,000
1984	4,200	3,900	200	780	23.00	17,940
1985	4,200	4,000	280	1,120	19.00	21,280
1986	4,600	4,300	210	903	20.00	18,060
1987	4,100	3,900	180	702	23.00	16,146
1988	4,200	3,900	180	702	28.00	19,656
1989	4,000	3,600	140	504	25.00	12,600
1990	4,700	4,300	200	860	24.00	20,640
1991	5,100	4,700	180	846	21.00	17,766

BELOW AVERAGE SNAP BEAN CROP – BUT GOOD PRICES

Tennessee growers of snap beans for the processing market enjoyed good prices, but below average yields in 1991. Snap beans for processing brought an average of $240 per ton, tying the record price set in 1989. The processed snap bean crop was worth $1.99 million. Production in 1991 amounted to 8.3 million tons, down 7 percent from 1990. The average yield was 1.66 tons per acre. This yield was the lowest since 1988, but close to the five-year average.

Excessive rains early in the season resulted in sporadic planting and disease problems. Dry, hot, mid-summer weather followed and kept yields down. Producers increased their plantings in 1991 by 200 acres and managed to harvest as much acreage as in 1990.

SNAP BEANS, PROCESSING: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1982-1991

Crop Year	Acreage		Yield Per Acre	Production	Marketing Year Average Price Per Ton	Value of Production
	Planted	Harvested				
	Acres		Tons	1,000 Tons	Dollars	1,000 Dollars
1982	7,400	6,900	2.59	17,870	204.00	3,645
1983	5,300	4,900	1.82	8,920	200.00	1,784
1984	5,400	5,300	2.14	11,340	204.00	2,313
1985	5,200	5,000	2.25	11,250	203.00	2,284
1986	5,700	5,300	1.43	7,580	199.00	1,508
1987	5,700	5,400	2.00	10,800	195.00	2,106
1988	6,600	6,000	1.40	8,400	210.00	1,764
1989	6,000	5,200	1.75	9,100	240.00	2,184
1990	5,200	5,000	1.78	8,900	230.00	2,047
1991	5,400	5,000	1.66	8,300	240.00	1,992

Fruit

MOST APPLE PRODUCTION SINCE 1987

Tennessee's apple crop totaled 13.0 million pounds in 1991. This compares with 8.5 million pounds produced in 1990 and the ten-year average of 10.45 million pounds. Utilized production, that portion of the crop that was salable, totaled 11.7 million pounds. Despite high production levels, this year's crop proved to be a disappointment. Excessive spring moisture and related diseases reduced crop quality.

Heavy disease pressure also led to marginal fruit size, rot, and caused some droppage. The state's most popular variety, Red Delicious, was hit the hardest by disease related problems while the state's second-favorite , Golden Delicious, fared better. On the bright side, producers received an average of 17.6 cents per pound. Tennessee's 1991 apple crop was valued at a record high $2.06 million.

COMMERCIAL APPLES: PRODUCTION, PRICE, AND VALUE, TENNESSEE, 1982-1991[1]

Crop Year	Total Production[2]	Utilized Production[3]	Marketing Year Average Price[4]	Value of Production[5]
	Million Pounds		Cents Per Pound	1,000 Dollars
1982	4.5	4.2	17.70	742
1983	8.5	8.2	14.50	1,192
1984	13.0	11.5	16.10	1,846
1985	11.0	10.0	13.60	1,358
1986	9.0	8.5	18.50	1,572
1987	15.0	14.0	13.40	1,880
1988	12.5	11.0	15.60	1,720
1989	11.5	10.0	14.80	1,475
1990	8.5	7.7	17.90	1,380
1991	13.0	11.7	17.60	2,059

[1] "Commercial" refers to the total production in orchards of 100 or more bearing age trees.

[2] Total production is the quantity actually harvested plus quantities which were not harvested because of economic or natural reasons.

[3] Utilized production is the amount sold plus the quantities used at home or held in storage.

[4] Average for all methods of sale.

[5] Value of production is price times utilized production.

COMMERCIAL APPLES: BEARING TREES AND ACRES, YIELD, AND PRODUCTION, TENNESSEE 1982-1991

Crop Year	Bearing[1]		Yield Per		Total Production
	Trees	Acres	Tree	Acre	
			Pounds		Million Pounds
1982	110,000	1,300	40.9	3,460	4.5
1983	140,000	1,400	60.7	6,070	8.5
1984	140,000	1,500	92.9	8,670	13.0
1985	150,000	1,500	73.3	7,330	11.0
1986	160,000	1,600	56.3	5,630	9.0
1987	170,000	1,600	88.2	9,380	15.0
1988	180,000	1,700	69.4	7,350	12.5
1989	180,000	1,700	63.9	6,760	11.5
1990	190,000	1,800	44.7	4,720	8.5
1991	180,000	1,700	72.2	7,650	13.0

[1] A tree set out at least four years is considered bearing.

PEACH CROP BOUNCES BACK

For the first time in three years, the Tennessee peach crop escaped serious freeze damage. The crop totaled 6.5 million pounds, five times more production than in both 1989 and 1990. The ten-year average production of 4.57 million pounds includes seven crop years severely affected by weather and one year of total crop failure in 1985. Orchard production in 1991 varied from a full crop to a complete failure.

Hard freezes during late-March and severe thunderstorms at critical stages of development reduced the crop. Crop prospects were improved by growers who irrigated for frost protection and by those with late-blooming varieties. Producers received 30 cents per pound, seven cents less than in 1990. The value of Tennessee's peach crop in 1991 was $1.74 million compared with $407,000 last year.

COMMERCIAL PEACHES: PRODUCTION, PRICE, AND VALUE, TENNESSEE, 1982-1991[1]

Crop Year	Total Production[2]	Utilized Production[3]	Marketing Year Average Price[4]	Value of Production[5]
	Million Pounds		Cents Per Pound	1,000 Dollars
1982	1.5	1.5	25.00	375
1983	4.0	4.0	22.00	880
1984	10.0	9.0	21.00	1890
1985	[6]	[6]	[6]	[6]
1986	4.0	3.7	24.00	888
1987	2.6	2.5	34.60	865
1988	11.0	9.0	29.70	2,673
1989	1.3	1.2	36.90	443
1990	1.3	1.1	37.00	407
1991	6.5	5.8	30.00	1,740

[1] "Commercial" refers to the total production in orchards of 100 or more bearing age trees.

[2] Total production is the quantity actually harvested plus quantities which were not harvested because of economic or natural reasons.

[3] Utilized production is the amount sold plus the quantities used at home or held in storage.

[4] Average for all methods of sale.

[5] Value of production is price times utilized production.

[6] No significant production due to frost.

COMMERCIAL PEACHES: BEARING TREES AND ACRES, YIELD, AND PRODUCTION, TENNESSEE, 1982-1991

Crop Year	Bearing[1]		Yield Per		Total Production
	Trees	Acres	Tree	Acre	
			Pounds		Million Pounds
1982	83,000	1,000	18.1	1,500	1.5
1983	120,000	1,200	33.3	3,330	4.0
1984	130,000	1,300	76.9	7,690	10.0
1985	130,000	1,300	[2]	[2]	[2]
1986	140,000	1,400	28.6	2,860	4.0
1987	150,000	1,400	17.3	1,860	2.6
1988	160,000	1,500	68.8	7,330	11.0
1989	160,000	1,500	8.1	870	1.3
1990	170,000	1,600	7.6	810	1.3
1991	180,000	1,700	36.1	3,820	6.5

[1] A tree set out at least four years is considered bearing.

[2] No significant production due to frost.

Floriculture

FLORICULTURE: PRODUCTION AND VALUE, TENNESSEE, 1987-1991 [1]

Crop Year	Producers	Production Area	Quantity Sold	Percentage of Sales at Wholesale	Wholesale Price	Value of Sales at Wholesale[2]
	Number	1,000 Square Feet	1,000	Percent	Dollars	1,000 Dollars
			CHRYSANTHEMUMS, STANDARD CUT FLOWERS (BLOOMS)			
1987	11	125	824	100	.441	363
1988	10	251	1,151	81	.434	500
1989	8	161	754	100	.510	385
1990	4	166	734	100	.476	349
1991	**4**	**207**	**669**	**100**	**.499**	**334**
			CHRYSANTHEMUMS, EXCLUDING HARDY (POTTED)[3]			
1987	30	265	252	90	3.27	824
1988	22	201	233	95	3.69	859
1989	26	168	209	97	3.89	813
1990	11	114	155	99	3.97	615
1991	**7**	**89**	**103**	**99**	**3.92**	**404**
			CHRYSANTHEMUMS, HARDY (POTTED)			
1987	59	338	287	75	1.49	428
1988	54	348	357	80	1.89	673
1989	73	502	440	84	1.59	698
1990	29	605	429	91	1.56	668
1991	**28**	**864**	**523**	**90**	**1.47**	**767**
			EASTER LILIES (POTTED)			
1987	27	74	91	90	3.84	349
1988	24	77	83	95	3.88	322
1989	22	84	92	95	3.62	333
1990	15	65	71	96	3.94	280
1991	**15**	**53**	**69**	**96**	**3.77**	**260**
			FINISHED FLORIST AZALEAS (POTTED)			
1987	21	81	76	90	6.24	474
1988	22	58	92	58	6.74	620
1989	22	65	50	94	6.90	345
1990	10	23	29	100	7.57	220
1991	**6**	**17**	**13**	**100**	**7.29**	**95**
			POINSETTIAS (POTTED)			
1987	9	1,179	644	82	3.54	2,277
1988	91	992	736	85	3.83	2,821
1989	91	1,277	781	90	3.57	2,786
1990	38	1,416	860	93	3.31	2,760
1991	**33**	**1,265**	**732**	**92**	**3.82**	**2,685**
			FLOWERING HANGING BASKETS			
1987	130	[4]	382	81	4.80	1,834
1988	115	[4]	294	86	5.94	1,746
1989	161	[4]	401	79	5.23	2,097
1990	42	[4]	277	83	4.81	1,332
1991	**37**	**[4]**	**297**	**84**	**5.09**	**1,512**

[1] Floriculture crops data for 1987 through 1989 are for growers with sales of $10,000 or more. 1990 and 1991 data represent growers with sales of $100,000 or more. [2] Equivalent wholesale value of combined retail and wholesale sales. [3] Includes only those sold for indoor and patio use. [4] Not available.

FLORICULTURE: PRODUCTION AND VALUE, TENNESSEE, 1987-1991 [1]

Crop Year	Producers	Production Area	Quantity Sold	Percentage of Sales at Wholesale	Wholesale Price	Value of Sales at Wholesale[2]
	Number	1,000 Square Feet	1,000	Percent	Dollars	1,000 Dollars
FOLIAGE HANGING BASKETS						
1987	110	[3]	265	81	5.68	1,505
1988	98	[3]	237	87	5.86	1,389
1989	119	[3]	250	87	5.43	1,158
1990	33	[3]	152	95	5.67	862
1991	31	[3]	163	87	5.85	954
FOLIAGE PLANTS (POTTED)						
1987	40	177	[3]	84	[3]	749
1988	40	253	[3]	80	[3]	715
1989	44	193	[3]	70	[3]	641
1990	14	96	[3]	79	[3]	500
1991	12	70	[3]	96	[3]	467
BEDDING GERANIUMS (FLATS)						
1987	30	270	105	90	6.95	730
1988	41	180	107	90	5.85	626
1989	52	98	53	68	6.79	360
1990	12	59	33	98	6.58	217
1991	12	48	26	61	7.95	207
BEDDING GERANIUMS FROM CUTTINGS (POTTED)						
1987	90	322	519	64	1.41	732
1988	81	276	419	58	1.65	691
1989	95	253	419	58	1.83	767
1990	27	194	310	69	1.60	497
1991	25	265	331	74	1.60	530
BEDDING GERANIUMS FROM SEED (POTTED)						
1987	61	200	453	76	1.14	517
1988	65	161	384	75	.97	372
1989	68	220	640	89	.81	497
1990	17	189	366	84	.84	307
1991	12	171	331	91	.88	290
BEDDING/GARDEN VEGETABLE (FLATS)						
1987	115	475	259	51	5.29	1,370
1988	115	396	173	70	5.53	957
1989	140	398	200	65	5.70	1,140
1990	34	277	132	92	6.15	812
1991	25	165	75	89	6.43	482
VEGETABLE TYPE BEDDING PLANTS (POTTED)						
1987	38	52	103	51	.80	82
1988	34	68	115	65	1.07	123
1989	42	81	151	72	.86	130
1990	9	39	91	86	1.18	107
1991	10	42	82	68	1.44	90

[1] Floriculture crops data for 1987 through 1989 are for growers with sales of $10,000 or more. 1990 and 1991 data represent growers with sales of $100,000 or more. [2] Equivalent wholesale value of combined retail and wholesale sales. [3] Not available.

PASTURE CONDITION: TENNESSEE, 1982-1991[1]

Year	May	June	July	Aug.	Sep.	Oct.	Nov.
1982	85	87	80	82	88	88	84
1983	81	93	91	70	47	47	60
1984	85	91	77	83	85	60	78
1985	84	86	86	72	85	81	85
1986	72	75	72	66	72	79	81
1987	83	79	78	75	69	75	67
1988	81	76	24	42	56	75	84
1989	91	94	99	99	91	95	97
1990	88	90	73	82	59	64	79
1991	89	89	95	84	81	80	79
10 Yr. Avg.	84	86	78	76	73	74	79

[1] Good to excellent, 80 and over; poor to fair, 65-79; very poor, 50-64; severe drought, 35-49; extreme drought, under 35.

Livestock, Dairy, and Poultry

LIVESTOCK SUMMARY

Tennessee's billion dollar livestock and poultry (excluding broilers) failed to show an increase in value during 1991 for the first time in six years. The numbers of livestock and poultry on hand at the end of 1991 were generally higher than a year earlier, but the values per head were mostly lower. The total value of cattle, hogs, sheep and chickens at the end of 1991 was $1,265,569,000, down 4 percent from a year earlier and slightly lower than two years ago. Since the value of cattle and calves account for over 96 percent of the total value of all Tennessee livestock and chickens, future cattle and calf prices will be key to the livestock industry's performance in the next few years. The national and state cattle numbers are now in the build-up phase of the cattle cycle, so marketing prices will be under pressure unless consumer demand for beef improves.

The number of cattle and calves on hand in Tennessee on January 1, 1992 was 2,290,000 head, the first increase in numbers since 1984. The 2 percent increase in the Tennessee cattle inventory is a clear signal that the current cycle bottomed out in 1991, and the build up phase of the next cycle is underway. All cows and heifers that had calved totaled 1.17 million head, unchanged from a year ago, as were beef cows at 975,000 head and milk cows at 195,000 head. All heifers totaled 305,000 head, 20,000 head below a year earlier, while beef replacements totaled 190,000 head, unchanged from January 1, 1991. Milk replacement and other heifers were 50,000 and 65,000 head respectively, compared with 60,000 and 75,000 a year earlier. Steers on hand January 1, 1992 totaled 110,000 head, down 2,000 head from last year while bulls increased 5,000 head to a total of 65,000 head. Calves weighing less than 500 pounds on January 1, 1992 totaled 640,000 head, up 10 percent from January 1, 1991.

The 1991 calf crop for Tennessee was 1,070,000 head, the smallest total since the 1980 calf crop of 1,060,000 head.

The number of hogs and pigs in Tennessee on December 1, 1991 was 670,000, up 50,000 head from December 1, 1990, but down 30,000 head from 1989. A record low number of hogs and pigs of 520,000 head was recorded on March 1, 1991.

Breeding hogs in Tennessee on December 1, 1991 totaled 90,000 head, unchanged from a year earlier. The proportion of breeding hogs to the total at the end of 1991 was 13.4 percent, compared with 14.5 percent a year earlier and a five-year average of 14.0 percent. The 1991 total pig crop was 1,132,000 pigs, 3 percent more than for 1990, but 21 percent less than the 1989 pig crop.

There were 7,000 places in Tennessee during 1991 with hogs and pigs, a decline of 1,500 places in one year. In the past ten years, the number of places with hogs and pigs has declined by 20,000.

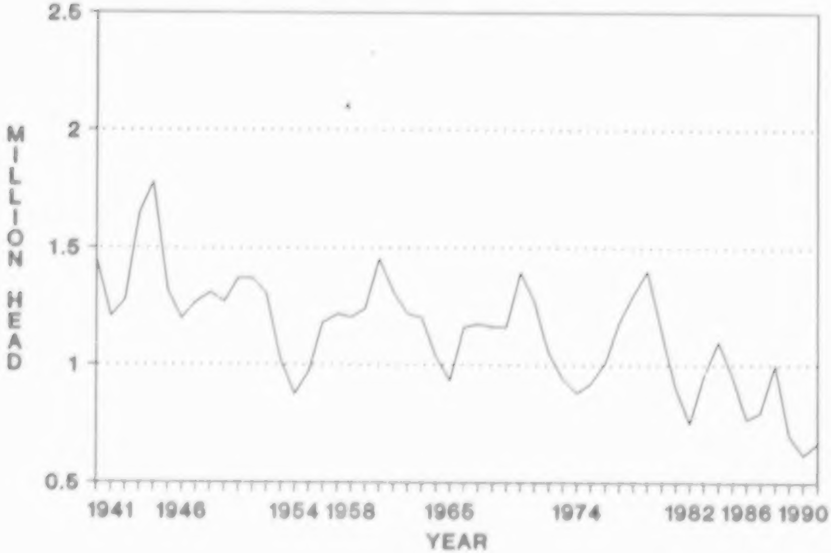
All sheep and lambs in Tennessee on January 1, 1992 totaled 13,000 head, compared with 14,000 head a year earlier. The number of sheep places remained unchanged from a year earlier at 650.

There were 1.72 million chickens, excluding commercial broilers, on hand in Tennessee on December 1, 1991. A year earlier, there 1.60 million chickens on hand and two years earlier there were 1.70 million chickens on hand.

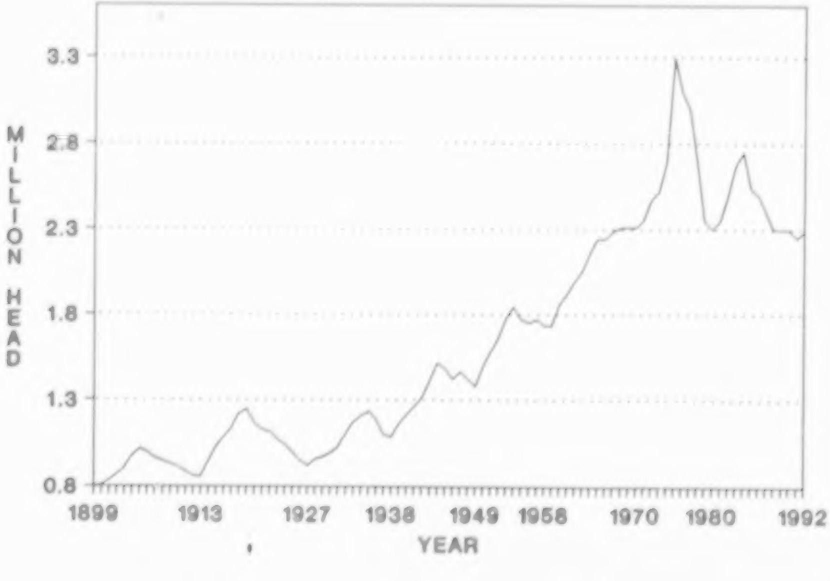
Although the value of animals on hand at the end of 1991 was lower than a year earlier, production and income from livestock and poultry during the year made a significant contribution to the Tennessee economy. The value of production for cattle and calves was a record high $456.4 million; hogs, $119.0 million; sheep and lambs, $286,000; and eggs, $18.8 million. The value of broiler production in 1991 was $140.4 million, compared with $130.8 million in 1990.

When the entire livestock industry and all twelve months of the year are considered, the Tennessee livestock industry achieved an excellent record in 1991 as the following pages will attest.

TENNESSEE HOG CYCLES
(DEC. 1, 1940 - 1991)



TENNESSEE CATTLE CYCLES
(1899 - 1992)



LIVESTOCK OPERATIONS: TENNESSEE, 1985-1991

Year	Cattle	Beef Cows	Milk Cows	Hogs	Sheep
			1,000 Farms		
1985	76		6.7	21.0	.470
1986	74	64	6.5	18.0	.500
1987	70	60	6.2	15.0	.550
1988	68	58	5.6	14.0	.600
1989	66	56	5.0	13.0	.600
1990	68	59	4.5	8.5	.650
1991	67	57	4.0	7.0	.650

LIVESTOCK ON FARMS: TENNESSEE, JANUARY 1, 1991-1992

Class of Livestock or Poultry	Number		Farm Value Per Head		Total Farm Value	
	1991	1992	1991	1992	1991	1992
	1,000 Head		Dollars		1,000 Dollars	
All Cattle & Calves	2,250	2,290	560.00	530.00	1,260,000	1,213,700
Hogs and Pigs[1]	620	670	86.00	67.00	53,320	44,890
Sheeps and Lambs	14	13	88.00	87.00	1,232	1,131
Chickens[1] [2]	1,600	1,720	3.00	3.40	4,800	5,848
Total					1,319,352	1,265,569

[1] December 1 previous year. [2] Does not include commercial broilers.

LIVESTOCK BY CLASS: TENNESSEE, JANUARY 1, 1987-1992

Classes	1987	1988	1989	1990	1991	1992
			1,000 Head			
All Cows that have Calved	1,230	1,190	1,240	1,200	1,170	1,170
Beef Cows	1,032	992	1,042	1,005	975	975
Milk Cows	198	198	198	195	195	195
Heifers 500 Pounds and Over	310	285	275	300	325	240
For Beef Cow Replacement	175	165	150	171	190	190
For Milk Cow Replacement	85	75	80	75	60	50
Other Heifers	50	45	45	54	75	65
Steers 500 Pounds and Over	155	140	125	112	112	110
Bulls 500 Pounds and Over	60	60	60	64	60	65
Heifers, Steers, and Bulls under 500 Pounds	645	625	600	624	583	640
All Cattle and Calves	2,400	2,300	2,300	2,300	2,250	2,290
All Hogs and Pigs[1]	770	820	1,000	700	620	670
Ewes 1 year old and over	8.7	8.9	8.1	9.2	10.0	9.4
Ewe Lambs	2.3	1.7	.8	1.4	1.7	1.6
Other Stock Sheep	2.0	1.4	1.1	1.4	2.3	2.0
All Sheep and Lambs	13	12	10	12	14	13
Hens and Pullets of Laying Age[1]	2,585	2,470	1,730	1,250	1,120	1,240
Other Pullets[1]	815	700	280	350	400	400
Other Chickens[1]	100	80	60	80	80	80
All Chickens[1] [3]	3,500	3,250	2,070	1,680	1,600	1,720

[1] December 1 previous year. [2] Not published to avoid disclosure of individual operations. [3] Does not include commercial broilers.

Cattle

CATTLE AND CALVES: INVENTORY, PRODUCTION, DISPOSITION, AND INCOME, TENNESSEE, 1986-1992

Year	All Cattle and Calves January 1	Calves Born	Inshipments	Marketing[2]		Slaughter on Farms Cattle and Calves	Deaths	
				Cattle	Calves		Cattle	Calves
				1,000 Head				
1986	2,500	1,140	286	970	414	2	45	95
1987	2,400	1,100	359	995	433	6	35	90
1988	2,300	1,130	220	793	432	5	35	85
1989	2,300	1,100	75	655	385	5	40	90
1990	2,300	1,075	86	680	406	5	40	80
1991	2,250	1,070	108	671	347	5	35	80
1992	**2,290** [1]							

Year	Production[3]	Marketings[4]	Price Per Cwt.		Cash Receipts[5]	Value of Home Consumption	Gross Income
			Cattle	Calves			
	1,000 Pounds		Dollars		1,000 Dollars		
1986	764,235	991,795	42.50	56.30	435,028	9,026	444,054
1987	743,755	1,026,870	52.20	72.60	557,032	8,865	565,897
1988	726,230	838,270	57.00	83.30	504,832	8,514	513,346
1989	652,080	697,270	61.70	85.00	425,930	9,118	460,642
1990	664,690	725,810	65.50	88.10	497,213	9,639	506,852
1991	**653,910**	**705,945**	**65.40**	**93.30**	**484,791**	**7,792**	**492,583**

[1] Preliminary.

[2] Includes custom slaughter for use on farms where produced and state outshipments, but excludes interfarm sales within the state.

[3] Adjustments made for changes in inventory and for inshipments.

[4] Excludes interfarm sales within the state and custom slaughter on farms where produced.

[5] Receipts from marketings and sale of farm slaugher.

CATTLE AND CALVES: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1986-1991

DOLLARS PER CWT.

BEEF CATTLE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average[1]
1986	42.00	43.30	44.20	41.70	39.70	41.20	40.20	42.80	44.50	43.60	42.50	43.80	42.50
1987	45.90	48.60	50.40	52.40	50.40	52.90	52.90	56.30	57.00	54.40	52.40	52.10	52.20
1988	54.70	57.00	59.40	57.40	57.90	51.40	52.20	58.50	58.20	60.50	57.00	60.30	57.00
1989	61.50	61.10	62.10	58.60	56.60	61.00	61.60	66.00	62.70	62.10	63.10	61.50	61.70
1990	64.00	64.20	65.10	67.30	69.50	66.20	69.20	68.10	64.00	62.70	63.10	71.50	65.50
1991	**63.70**	**66.50**	**65.40**	**64.30**	**70.00**	**65.80**	**70.70**	**71.10**	**67.90**	**63.30**	**61.40**	**58.00**	**65.40**

ALL COWS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average[1]
1986	33.40	35.40	34.90	32.20	32.90	34.90	33.20	33.80	35.10	34.30	33.50	33.70	33.90
1987	37.70	39.10	40.40	42.20	42.50	42.60	41.70	41.10	42.10	42.10	41.10	44.10	41.30
1988	44.50	45.10	45.50	48.00	46.60	41.10	43.30	45.30	43.60	42.60	43.20	43.40	44.20
1989	42.90	47.10	45.70	45.80	46.70	47.40	47.40	47.20	47.20	45.80	45.50	48.20	46.20
1990	46.70	51.10	51.60	51.90	54.00	52.20	51.70	52.50	50.70	49.30	49.00	49.50	50.70
1991	**47.80**	**52.70**	**51.90**	**52.80**	**53.80**	**52.70**	**50.50**	**50.40**	**48.40**	**46.30**	**44.90**	**45.60**	**49.90**

STEERS AND HEIFERS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average[1]
1986	51.80	53.00	52.30	50.00	48.10	49.30	50.10	52.40	53.70	52.50	51.80	53.90	51.70
1987	54.90	58.60	59.70	62.40	62.10	65.80	65.20	68.90	69.90	64.90	64.70	65.50	63.60
1988	68.40	71.40	71.90	70.90	71.90	67.10	67.70	71.80	72.40	72.40	71.00	73.60	71.10
1989	75.10	74.40	73.30	70.60	70.90	73.60	74.80	74.80	73.40	72.50	73.00	73.00	73.40
1990	74.70	74.00	76.90	77.80	78.70	79.10	81.10	81.90	79.30	74.10	75.80	80.40	77.40
1991	**80.60**	**83.40**	**86.40**	**85.00**	**85.30**	**84.90**	**84.20**	**80.20**	**79.50**	**74.80**	**72.50**	**69.40**	**79.90**

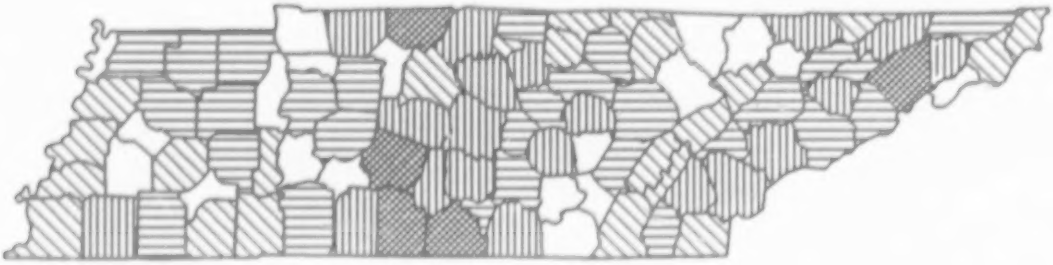
CALVES

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average[1]
1986	55.90	59.30	57.70	55.40	51.40	53.30	55.80	56.50	59.20	57.50	55.70	56.00	56.30
1987	60.30	65.70	67.20	70.50	72.80	75.00	74.90	78.60	79.70	72.00	75.60	76.20	72.60
1988	81.20	87.00	87.70	90.30	87.80	76.70	81.70	84.10	81.40	81.10	81.50	81.90	83.30
1989	85.90	88.40	87.40	84.60	83.00	88.00	87.70	88.30	85.20	82.70	79.50	77.90	85.00
1990	83.10	88.40	92.30	92.10	93.60	92.80	89.90	91.50	86.10	82.00	84.40	87.30	88.10
1991	**90.60**	**101.00**	**107.00**	**103.00**	**98.80**	**97.00**	**93.60**	**88.60**	**86.50**	**81.70**	**78.20**	**78.10**	**93.30**

[1] Marketing year January 1 to December 31. Average Prices are computed by weighting monthly prices by the estimated percentage of sales each month during the marketing year.

TENNESSEE
CATTLE AND CALVES

January 1, 1992



TOP FIVE COUNTIES	
1. GREENE	82,000
2. MAURY	72,000
3. LINCOLN	71,000
4. GILES	70,000
5. ROBERTSON	60,000

HEAD

▩ 60,000 AND OVER

▥ 30,000-59,999

▤ 16,000-29,999

▧ 10,000-15,999

☐ UNDER 10,000

CATTLE: NUMBER ON FARMS, JANUARY 1, 1990, 1991 and 1992 1/

District and County	All Cattle and Calves			Beef Cows			Milk Cows		
	1990	1991	1992	1990	1991	1992	1990	1991	1992
		Head			Head			Head	
Dyer	16,700	14,000	13,000	8,000	7,000	6,000	300	300	200
Lake	300	2/	2/	100	2/	2/	2/	2/	2/
Lauderdale	14,000	12,000	12,000	7,000	6,500	6,000	300	200	200
Obion	26,000	24,000	26,000	14,700	14,000	15,000	600	500	500
Shelby	15,000	15,000	15,000	9,000	9,000	10,000	300	300	300
Tipton	15,000	11,000	10,000	8,200	6,500	6,000	400	300	300
District 10	87,000	76,000	76,000	47,000	43,000	43,000	1,900	1,600	1,500
Benton	10,000	9,000	9,000	5,500	5,500	5,000	100	100	100
Carroll	18,500	18,000	18,000	10,000	11,000	11,000	1,000	1,000	1,000
Chester	8,000	7,000	7,000	3,400	3,000	3,000	300	300	300
Crockett	9,000	8,000	8,000	4,500	4,500	4,500	2/	2/	2/
Decatur	14,000	13,000	13,000	9,000	8,000	7,000	2/	2/	2/
Fayette	31,500	31,500	30,000	17,400	15,000	14,500	1,600	1,600	1,600
Gibson	28,500	28,000	26,000	12,800	11,500	12,000	1,000	1,000	1,000
Hardeman	16,000	16,000	16,000	10,200	10,000	9,500	300	300	300
Hardin	13,500	13,500	12,500	6,600	7,000	6,500	100	100	100
Haywood	7,500	6,000	5,500	4,500	4,000	3,000	100	100	2/
Henderson	22,000	25,000	25,000	8,500	10,500	10,500	100	100	100
Henry	27,000	26,000	27,000	14,800	11,500	11,500	2,900	2,900	2,900
McNairy	11,500	10,000	10,000	6,300	6,000	6,000	2/	2/	2/
Madison	12,000	12,000	13,000	5,500	7,000	6,500	300	400	400
Weakley	19,000	19,000	19,000	8,000	7,500	7,500	3,200	3,100	3,300
District 20	248,000	242,000	239,000	127,000	122,000	118,000	11,000	11,000	11,100
Cheatham	10,500	9,500	9,500	5,800	5,500	5,500	2/	2/	2/
Dickson	32,000	28,500	29,000	17,000	15,000	15,000	500	400	500
Hickman	21,000	20,000	21,000	9,500	10,000	10,000	200	200	200
Houston	9,000	9,000	9,500	5,000	5,000	5,000	2/	2/	2/
Humphreys	18,500	16,000	17,000	8,000	7,500	7,500	500	500	600
Lawrence	49,000	48,000	49,000	18,500	19,500	19,000	6,000	6,000	5,700
Lewis	7,000	5,500	6,500	3,800	3,500	4,000	100	100	100
Montgomery	33,000	32,000	33,000	18,000	19,000	18,000	900	900	700
Perry	7,500	7,500	7,500	3,300	3,000	3,000	2/	2/	2/
Robertson	59,000	60,000	60,000	24,000	25,000	24,000	4,700	4,900	5,200
Stewart	9,500	9,000	9,000	4,600	4,000	4,000	2/	2/	2/
Wayne	21,000	20,000	21,000	10,500	10,000	10,000	2/	2/	2/
District 30	277,000	265,000	272,000	128,000	127,000	125,000	12,900	13,000	13,000
Bedford	59,000	55,000	54,000	27,500	26,000	24,000	6,400	6,500	6,500
Cannon	24,000	22,000	22,000	8,000	7,500	8,000	3,100	3,100	3,100
Clay	13,000	13,000	12,500	6,000	6,000	6,000	300	300	200
Davidson	17,000	12,000	13,000	8,000	6,500	6,500	500	400	400
De Kalb	17,500	17,000	18,000	7,800	8,500	9,000	1,800	1,700	1,800
Giles	69,000	66,000	70,000	30,000	30,000	29,000	6,600	6,000	5,900
Jackson	11,000	12,000	13,000	7,500	7,000	7,000	200	200	300
Lincoln	74,500	72,000	71,000	30,500	29,000	29,000	7,800	8,000	8,000
Macon	21,500	20,000	19,000	9,500	10,000	9,500	800	800	600
Marshall	48,000	47,000	48,000	16,000	15,000	15,500	7,500	8,000	8,000
Maury	65,000	69,000	72,000	29,000	36,000	35,000	5,400	5,000	5,000
Moore	18,000	16,000	16,000	8,000	7,000	6,500	1,600	1,600	1,700
Rutherford	62,000	56,000	57,000	27,000	24,000	21,000	6,800	7,500	7,000
Smith	35,000	33,000	34,000	18,000	17,500	17,500	1,200	1,300	1,400
Sumner	48,000	46,000	47,000	23,000	23,000	24,000	2,600	2,700	2,700
Trousdale	11,000	11,000	11,500	6,000	5,000	5,000	400	300	300
Williamson	53,000	52,000	52,000	25,700	24,000	23,500	4,100	3,800	3,800
Wilson	51,500	52,000	54,000	26,500	27,000	27,000	2,900	2,800	2,800
District 40	698,000	671,000	684,000	314,000	309,000	303,000	60,000	60,000	59,500

1/ 1990 and 1991 Final - 1992 Preliminary

2/ Not published to avoid disclosing individual operations.

CATTLE: NUMBER ON FARMS, JANUARY 1, 1990, 1991 AND 1992 1/

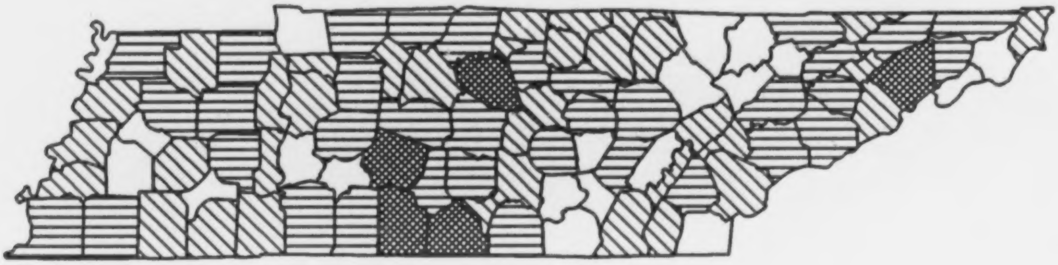
District and County	All Cattle and Calves			Beef Cows			Milk Cows		
	1990	1991	1992	1990	1991	1992	1990	1991	1992
		Head			Head			Head	
Bledsoe	25,000	24,000	26,000	12,000	11,000	11,000	1,900	2,100	2,300
Coffee	31,500	30,000	28,000	8,000	8,500	8,500	4,700	5,000	5,000
Cumberland	20,000	21,000	21,000	9,500	9,000	10,500	2,600	2,700	2,700
Fentress	13,500	13,000	14,000	6,000	5,500	5,500	900	800	800
Franklin	33,000	35,000	35,000	12,500	11,500	10,000	4,000	4,000	4,100
Grundy	8,000	8,000	8,000	3,500	3,000	3,000	900	800	800
Marion	9,000	9,000	9,000	3,000	3,000	3,500	500	600	600
Morgan	7,000	6,000	7,000	4,000	3,500	3,500	500	500	500
Overton	21,500	22,000	24,000	9,500	8,500	9,000	1,800	1,900	1,900
Pickett	9,500	9,000	10,000	5,500	5,500	6,000	400	100	100
Putnam	31,500	28,000	28,000	15,500	14,000	15,000	1,900	1,500	1,300
Scott	5,500	5,500	6,000	2,500	2,000	2,500	400	500	400
Sequatchie	8,000	7,500	7,000	3,500	3,000	3,000	600	700	600
Van Buren	9,000	8,000	7,000	4,000	4,000	4,000	1,000	900	900
Warren	38,000	40,000	39,000	19,500	17,000	16,000	5,400	5,900	6,000
White	35,000	36,000	38,000	11,500	13,000	14,000	5,300	5,000	5,500
District 50	305,000	302,000	307,000	130,000	122,000	125,000	32,800	33,000	33,500
Anderson	11,000	10,000	10,000	4,500	4,000	4,000	600	600	600
Blount	37,000	39,000	41,000	14,500	15,000	15,500	2,500	2,300	2,400
Bradley	28,500	28,000	27,000	9,000	9,000	8,000	4,300	4,600	4,600
Campbell	8,500	9,000	9,500	2,000	2,500	2,500	600	500	400
Carter	11,500	11,500	11,500	3,500	4,500	4,000	700	1,000	1,000
Claiborne	29,500	32,500	38,000	12,500	15,500	17,000	2,000	2,100	2,000
Cocke	19,500	19,000	19,000	8,000	8,000	8,000	2,600	2,600	2,500
Grainger	25,000	26,500	27,500	12,000	11,500	12,000	1,600	1,600	1,500
Greene	80,000	80,000	82,000	26,500	26,000	27,000	14,000	13,700	13,900
Hamblen	24,000	23,000	23,000	8,000	8,000	8,000	1,700	1,800	1,700
Hamilton	13,000	13,000	13,500	5,500	5,500	5,500	1,200	1,200	1,200
Hancock	13,000	13,000	14,000	6,500	5,500	6,500	500	500	300
Hawkins	37,000	37,500	37,000	19,000	16,500	16,500	2,100	1,800	1,700
Jefferson	42,000	41,000	41,000	18,000	15,500	16,000	3,700	3,500	3,400
Johnson	14,500	14,500	14,000	5,000	6,000	5,000	900	900	900
Knox	30,000	29,000	29,000	16,000	13,000	13,500	1,300	1,300	1,300
Loudon	21,000	23,000	25,000	8,000	8,000	8,500	3,700	3,700	3,600
McMinn	48,000	45,000	45,000	13,000	10,500	11,500	11,000	11,000	11,000
Meigs	11,000	11,000	11,500	5,000	3,500	5,500	1,700	1,700	1,900
Monroe	32,000	34,000	35,000	8,000	9,000	8,000	5,900	5,700	5,700
Polk	10,500	12,000	12,000	2,000	3,000	2,500	1,700	1,600	1,600
Rhea	10,500	11,000	11,500	4,500	4,000	4,500	900	1,000	1,000
Roane	16,000	16,000	15,500	6,000	7,000	7,000	600	700	800
Sevier	26,000	24,000	23,000	11,500	10,000	10,500	400	400	300
Sullivan	26,000	28,000	29,000	11,000	10,000	11,000	2,100	2,100	2,300
Unicoi	1,500	1,500	1,500	500	500	500	2/	2/	2/
Union	7,500	7,500	8,000	4,000	4,000	4,000	400	400	300
Washington	51,000	54,500	58,000	15,000	16,500	18,500	7,700	8,100	8,500
District 60	685,000	694,000	712,000	259,000	252,000	261,000	76,400	76,400	76,400
State	2,300,000	2,250,000	2,290,000	1,005,000	975,000	975,000	195,000	195,000	195,000

1/ 1990 and 1991 Final - 1992 Preliminary

2/ Not published to avoid disclosing individual operations.

TENNESSEE BEEF COWS

January 1, 1992



TOP FIVE COUNTIES

1. MAURY	35,000
2. GILES } tie	29,000
LINCOLN } tie	29,000
4. WILSON } tie	27,000
GREENE } tie	27,000

HEAD

▩ **27,000 AND OVER**

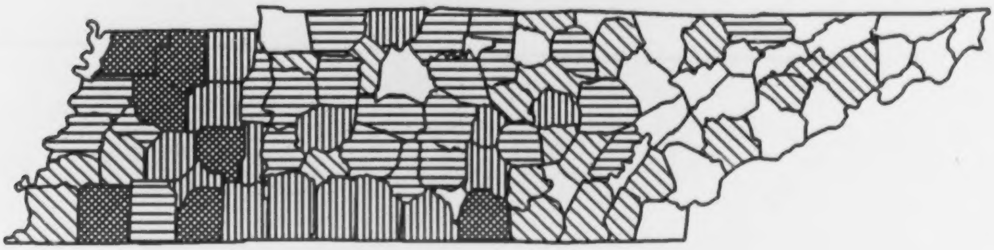
☰ **10,000–26,999**

▧ **5,000–9,999**

☐ **UNDER 5,000**

Hogs and Pigs

TENNESSEE
HOGS AND PIGS



TOP FIVE COUNTIES	
1. WEAKLEY	59,000
2. HENDERSON	35,000
3. OBION	29,000
4. GIBSON	27,000
5. FAYETTE } tie	26,000
FRANKLIN } tie	26,000

HEAD

▩	**25,000 AND OVER**
▥	**10,000–24,999**
▤	**5,000–9,999**
▧	**2,000–4,999**
☐	**UNDER 2,000**

HOGS AND PIGS: NUMBER ON FARMS, DECEMBER 1, 1985-91

Year	Dec. 1 Inventory	Breeding	Market	Under 60 lbs.	Market 60-119 lbs.	120-179 lbs.	180 + lbs.
				1,000 Head			
1985	950	130	820	290	200	170	160
1986	770	115	655	242	165	123	125
1987	820	117	703	241	186	144	132
1988	1,000	150	850	380	210	150	150
1989	700	100	600	230	155	115	100
1990	620	90	530	210	130	110	80
1991	**670**	**90**	**580**	**225**	**150**	**115**	**90**

PIG CROP: SOWS FARROWED AND PIGS SAVED, TENNESSEE 1985-91

Year	December-May Farrowings			June-November Farrowings		
	Sows	Pigs Per Litter	Pigs Saved	Sows	Pigs Per Litter	Pigs Saved
	1,000 Head	Number	1,000 Head	1,000 Head	Number	1,000 Head
1985	95	7.50	713	94	7.60	714
1986	95	7.60	722	92	7.30	672
1987	82	7.30	599	85	7.60	646
1988	105	7.60	799	117	7.50	879
1989	100	7.70	770	86	7.65	658
1990	**68**	**7.75**	**527**	**74**	**7.75**	**574**

SWINE

HOGS AND PIGS: INVENTORY, PRODUCTION, DISPOSITION, AND INCOME, TENNESSEE, 1987-1992

Year	All Hogs[1]	Total Pig Crop Sows Farrowing	Total Pig Crop Pig Crop	Inshipments	Marketings[3]	Slaughter on Farms	Deaths
			1,000 Head				
1987	770	167	1,245	164	1,249	50	60
1988	820	222	1,678	103	1,471	50	80
1989	1,000	186	1,428	123	1,756	40	55
1990	700	142	1,101	153	1,254	25	55
1991	620	151	1,132	115	1,112	30	55
1992[2]	670						

Year	Production[4]	Marketings[5]	Price Per 100 Pounds	Cash Receipts[6]	Value of Home Consumption	Gross Income
	1,000 Pounds		Dollars	1,000 Dollars		
1987	265,930	248,861	50.40	134,005	9,337	143,342
1988	339,756	305,055	41.60	131,867	8,892	140,759
1989	365,740	390,175	39.90	159,393	8,187	167,580
1990	255,256	260,439	50.40	138,247	7,182	145,429
1991	248,781	232,885	46.80	113,768	8,003	121,771

[1] December 1 preceeding year.

[2] Preliminary.

[3] Includes custom slaughter for use on farms where produced and state outshipments, but excludes interfarm sales within the state.

[4] Adjustments made for changes in inventory and for inshipments.

[5] Excludes interfarm sales within the state and custom slaughter on farms where produced.

[6] Receipts from marketing and sales of farm slaughter.

HOGS: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1986-1991

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.[1]
						Dollars Per Cwt.							
1986	43.20	42.00	39.00	39.20	44.30	50.70	57.60	61.10	57.60	52.50	51.40	49.80	45.70
1987	46.90	47.20	46.20	49.90	53.70	57.80	59.10	58.20	53.80	48.10	40.10	40.00	50.40
1988	42.80	45.10	41.40	40.90	45.30	45.80	42.70	43.80	38.60	38.10	35.40	36.80	41.60
1989	38.50	38.60	38.00	35.60	39.00	41.00	41.40	42.60	41.20	44.00	43.60	47.80	39.90
1990	46.00	46.30	49.80	52.40	58.80	58.40	58.70	53.80	52.10	54.00	47.00	47.00	50.40
1991	44.70	47.40	48.70	48.60	48.80	52.30	52.20	52.70	48.20	44.10	40.90	35.90	46.80

[1] Marketing year is December through November. Average prices are computed by weighting monthly prices by the estimated percentage of sales each month.

ALL HOGS AND PIGS: NUMBER ON FARMS, DECEMBER 1, 1989, 1990 AND 1991 1/

District and County	All Hogs and Pigs			Hogs and Pigs for Breeding		
	1989	1990	1991	1989	1990	1991
		Head			Head	
Dyer	7,000	6,000	6,000	1,000	900	700
Lake	300	2/	2/	2/	2/	2/
Lauderdale	4,700	5,000	5,000	800	600	900
Obion	33,000	29,700	29,000	4,000	3,100	2,900
Shelby	2,300	2,300	3,000	300	400	400
Tipton	4,700	4,000	4,000	600	500	500
District 10	52,000	47,000	47,000	6,700	5,500	5,400
Benton	11,000	9,000	9,000	1,400	1,400	1,400
Carroll	18,000	15,000	17,000	2,500	2,000	1,800
Chester	11,000	10,000	12,000	1,500	1,100	1,000
Crockett	4,000	5,000	5,000	600	700	700
Decatur	19,000	17,000	20,000	2,500	2,100	2,400
Fayette	34,000	23,000	26,000	4,500	3,400	3,100
Gibson	21,000	21,000	27,000	2,900	2,500	2,200
Hardeman	10,000	8,000	7,000	1,600	1,200	1,000
Hardin	13,000	12,000	17,000	1,800	1,900	1,700
Haywood	5,000	4,000	4,000	700	700	500
Henderson	32,000	30,000	35,000	4,000	3,200	3,700
Henry	21,000	17,000	18,000	2,900	2,000	1,800
McNairy	28,000	25,000	25,000	3,700	3,000	3,000
Madison	10,000	7,000	10,000	1,400	1,200	1,100
Weakley	57,000	55,000	59,000	7,400	5,800	6,500
District 20	294,000	258,000	291,000	39,400	32,200	31,900
Cheatham	3,500	3,500	3,500	600	700	700
Dickson	4,500	4,500	5,000	800	900	1,000
Hickman	13,500	14,000	13,000	1,700	1,500	1,600
Houston	2,500	2,000	2,000	400	300	300
Humphreys	8,000	9,000	9,000	1,200	900	900
Lawrence	15,000	15,500	20,000	2,500	3,100	3,100
Lewis	2,500	3,000	3,000	400	300	300
Montgomery	8,000	8,500	8,000	1,200	1,300	1,400
Perry	5,000	6,000	7,000	800	900	1,000
Robertson	17,000	16,000	13,500	2,100	2,100	2,100
Stewart	1,500	1,000	1,000	300	200	200
Wayne	9,000	8,000	10,000	1,400	1,300	1,400
District 30	90,000	91,000	95,000	13,400	13,500	14,000
Bedford	8,000	8,000	7,500	1,100	1,300	1,200
Cannon	12,000	12,500	12,000	1,800	2,000	1,800
Clay	3,000	3,000	2,000	500	500	500
Davidson	1,000	1,000	1,000	200	200	200
De Kalb	3,000	1,500	3,000	500	400	400
Giles	18,000	16,000	16,000	2,600	2,600	2,600
Jackson	2,000	1,500	1,500	400	400	400
Lincoln	14,000	11,000	12,000	2,000	1,600	1,900
Macon	5,500	4,000	5,000	900	1,000	1,000
Marshall	6,000	4,500	6,000	800	700	900
Maury	7,000	6,500	6,000	1,200	1,200	1,100
Moore	3,000	2,000	1,500	500	500	500
Rutherford	7,000	5,500	5,000	1,000	900	900
Smith	6,000	5,000	6,000	1,000	1,000	1,000
Sumner	7,000	5,500	5,000	1,100	900	800
Trousdale	1,500	1,500	1,500	200	200	200
Williamson	8,000	6,500	7,000	1,100	1,200	1,100
Wilson	6,000	4,500	5,000	900	900	900
District 40	118,000	100,000	103,000	17,800	17,500	17,400

1/ 1989 and 1990 Final - 1991 Preliminary.

2/ Not published to avoid disclosing individual operations.

[redacted]

ALL HOGS AND PIGS: NUMBER ON FARMS, DECEMBER 1, 1989, 1990 AND 1991 1/

District and County	All Hogs and Pigs			Hogs and Pigs for Breeding		
	1989	1990	1991	1989	1990	1991
		Head			Head	
Bledsoe	3,500	3,500	3,500	500	600	800
Coffee	14,500	10,500	10,500	1,900	1,500	1,400
Cumberland	7,500	6,000	8,000	1,100	1,100	1,200
Fentress	3,500	3,500	3,000	700	800	800
Franklin	28,000	26,000	26,000	3,800	3,800	3,400
Grundy	4,000	4,000	4,000	600	600	500
Marion	3,000	3,000	4,000	500	600	600
Morgan	1,500	1,000	1,000	300	300	300
Overton	6,000	5,000	5,500	900	1,000	900
Pickett	1,500	1,000	1,000	300	200	200
Putnam	3,500	3,000	3,000	600	700	600
Scott	500	500	500	100	100	100
Sequatchie	1,000	1,000	1,000	200	200	200
Van Buren	4,000	4,000	4,000	700	1,000	1,000
Warren	6,000	5,500	6,000	800	800	800
White	12,000	10,500	10,000	2,000	1,700	1,600
District 50	100,000	88,000	91,000	15,000	15,000	14,400
Anderson	1,500	1,000	1,000	300	200	200
Blount	2,500	2,500	3,000	400	400	500
Bradley	2,000	1,000	2,000	400	200	200
Campbell	1,000	1,200	2,000	200	200	200
Carter	500	500	200	100	100	100
Claiborne	4,000	2,500	5,500	600	400	500
Cocke	1,000	500	1,000	200	100	100
Grainger	500	300	300	100	100	100
Greene	4,000	2,500	2,500	500	400	300
Hamblen	2,500	3,000	3,100	400	400	400
Hamilton	2,500	2,500	2,500	400	400	500
Hancock	1,500	1,000	1,000	300	200	200
Hawkins	700	500	1,000	100	100	100
Jefferson	3,500	2,500	2,300	600	400	500
Johnson	200	200	200	100	100	100
Knox	1,800	1,500	1,600	300	200	200
Loudon	700	400	500	100	100	200
McMinn	2,500	2,000	2,100	400	300	300
Meigs	400	400	500	100	100	200
Monroe	1,500	1,000	1,500	200	200	200
Polk	1,000	1,000	1,000	200	200	200
Rhea	6,500	5,000	5,300	900	800	800
Roane	1,000	1,000	1,000	200	200	200
Sevier	800	500	500	100	100	100
Sullivan	500	300	300	100	100	200
Unicoi	200	200	300	100	100	100
Union	500	500	300	100	100	100
Washington	700	500	500	200	100	100
District 60	46,000	36,000	43,000	7,700	6,300	6,900
STATE	700,000	620,000	670,000	100,000	90,000	90,000

1/ 1989 and 1990 Final - 1991 Preliminary.
2/ Not published to avoid disclosing individual operations.

Sheep and Lambs

SHEEP AND LAMBS: INVENTORY NUMBER, LAMB CROP, AND DISPOSITION, TENNESSEE, 1985-1992

Year	On Hand Jan. 1	Lambs Saved	Inshipments Sheep & Lambs	Marketings[1] Sheep	Marketings[1] Lambs	Deaths Sheep	Deaths Lamb
	1,000 Head						
1985	9	6.8	1.0	0.7	3.6	0.8	1.5
1986	10	7.7	2.1	1.7	3.0	0.9	1.0
1987	13	8.5	1.0	3.3	5.0	1.0	1.0
1988	12	7.0	1.1	3.1	4.8	1.0	1.0
1989	10	9.7	3.0	2.2	6.7	0.7	0.9
1990	12	10.0	3.1	2.5	6.1	1.0	1.2
1991	14	9.0	4.0	6.0	5.4	1.2	1.1
1992	13						

[1] Excludes interfarm sales.

SHEEP AND LAMBS: PRODUCTION AND INCOME, TENNESSEE, 1985-1991

Year	Production[1]	Marketings[2]	Average Price Per 100 lbs. Sheep	Average Price Per 100 lbs. Lambs	Value Of Production	Cash Receipts[3]	Gross Income
	1,000 Pounds		Dollars		1,000 Dollars		
1985	448	401	21.20	62.80	233	220	228
1986	547	457	21.00	67.80	324	222	230
1987	647	813	28.50	81.80	374	472	483
1988	473	773	25.80	62.50	244	358	366
1989	757	845	24.60	64.00	457	445	453
1990	780	824	23.00	55.90	380	370	383
1991	640	1146	20.20	53.90	286	395	407

[1] Adjustments made for inshipments and changes in inventory.
[2] Excludes interfarm sales.
[3] Includes receipts from marketings and sale of farm slaughtered meat.

SHEEP AND LAMBS: NUMBER ON FARMS AND VALUE, TENNESSEE, JANUARY 1, 1985-1992

Year	All Sheep and Lambs			Lambs		Sheep one year and older	
	Number	Value Per Head	Value Total	Ewes	Wethers and Rams	Ewes	Wethers and Rams
	1,000 Head	Dollars	1,000 Dollars	1,000 Head		1,000 Head	
1985	9	63.50	572	0.8	0.8	6.8	0.6
1986	10	67.00	670	0.8	0.8	7.7	0.7
1987	13	76.50	995	2.3	1.3	8.7	0.7
1988	12	73.00	876	1.7	0.7	8.9	0.7
1989	10	78.50	785	0.8	0.3	8.1	0.8
1990	12	94.00	1,128	1.4	0.6	9.2	0.8
1991	14	88.00	1,232	1.7	0.8	10.0	1.5
1992	13	87.00	1,131	1.6	0.7	9.4	1.3

WOOL: FARM PRODUCTION AND VALUE, TENNESSEE, 1986-1991

Year	Sheep Shorn	Weight Per Fleece	Shorn Wool Production	Price Per Pound	Value[1]
	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
1986	10.0	6.5	65	61	40
1987	11.0	6.7	74	57	42
1988	11.0	6.5	72	85	61
1989	11.0	6.5	72	80	58
1990	11.0	6.6	73	37	27
1991	8.5	7.1	60	39	23

[1] Production multiplied by annual average price.

AUCTION PRICES

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM SELECTED TENNESSEE AUCTIONS, 1985-1991

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
STEERS-Medium Frame No. 1*						Dollars Per Cwt.							
300-400 lbs.													
1985	71.53	79.25	77.88	77.31	74.85	71.81	67.25	71.50	69.38	69.00	71.50	67.25	72.38
1986	69.25	72.31	71.75	69.25	65.13	68.13	71.45	75.19	75.31	72.10	69.81	70.19	70.82
1987	75.75	81.88	86.25	87.70	89.88	93.13	97.40	99.00	103.80	93.38	97.25	98.25	91.97
1988	105.63	111.63	109.70	110.38	106.50	97.70	107.38	109.00	106.38	103.63	105.00	104.25	106.43
1989	108.00	111.50	111.10	104.38	102.25	108.75	109.50	109.80	103.44	102.25	100.20	97.17	105.70
1990	104.00	107.50	112.88	112.63	111.10	109.75	108.94	114.10	107.25	105.45	107.63	113.83	109.59
1991	**113.20**	**125.19**	**124.50**	**123.63**	**121.30**	**118.50**	**118.70**	**112.88**	**113.25**	**107.36**	**97.81**	**100.33**	**114.72**
400-500 lbs.													
1985	66.80	70.81	71.19	71.25	70.75	68.00	62.90	66.00	63.88	64.35	66.44	63.29	67.14
1986	64.60	66.38	68.19	64.85	61.38	61.88	65.60	66.06	68.44	66.55	63.88	64.50	65.19
1987	69.38	74.13	77.44	79.75	82.38	79.88	82.70	88.00	89.30	84.00	87.13	86.67	81.73
1988	90.88	96.63	97.55	98.63	96.38	87.50	90.50	94.50	95.88	93.00	91.70	90.75	93.66
1989	94.38	97.88	97.20	93.13	91.30	95.00	96.00	95.50	93.50	89.94	87.65	86.08	93.13
1990	92.80	96.81	101.75	100.94	101.20	100.56	98.75	101.40	97.69	95.15	96.56	100.67	98.69
1991	**101.50**	**109.81**	**110.13**	**112.69**	**108.40**	**106.56**	**103.45**	**98.13**	**98.44**	**93.70**	**89.69**	**88.67**	**101.76**
500-600 lbs.													
1985	63.75	66.81	67.88	67.00	65.90	64.06	60.55	61.94	59.69	60.20	61.06	59.33	63.18
1986	59.63	62.25	61.50	59.60	58.13	59.13	60.30	62.06	64.13	60.90	60.63	60.88	60.76
1987	64.69	67.75	71.00	73.15	76.13	74.56	78.10	81.63	83.10	77.19	78.00	79.92	75.44
1988	83.25	86.38	89.00	89.19	89.44	78.80	82.13	85.95	88.25	84.56	84.55	84.25	85.48
1989	86.25	87.38	87.05	85.06	84.70	88.56	87.13	88.35	85.94	84.81	83.35	82.08	85.89
1990	85.20	87.75	91.75	92.75	94.25	92.88	90.50	94.15	90.31	86.80	86.56	90.25	90.26
1991	**89.85**	**96.63**	**101.38**	**103.31**	**100.30**	**97.44**	**96.85**	**90.00**	**88.25**	**85.95**	**81.94**	**80.83**	**92.73**
600-700 lbs.													
1985	62.05	63.75	63.56	62.06	60.95	59.81	56.60	56.69	55.88	56.30	57.56	56.79	59.33
1986	56.70	58.63	56.88	54.63	54.06	54.78	56.98	59.25	59.68	58.50	57.44	58.56	57.17
1987	61.47	64.16	65.25	67.93	71.10	69.78	72.00	74.38	76.20	70.88	71.31	72.58	69.75
1988	77.22	78.81	79.55	81.44	81.22	73.40	76.31	80.73	83.13	79.25	78.40	79.00	79.04
1989	81.31	81.06	78.65	77.13	77.25	81.19	80.81	82.38	80.03	79.38	78.30	79.77	79.77
1990	80.03	80.44	81.82	84.88	85.65	85.78	85.38	88.45	86.00	83.75	82.44	85.50	84.18
1991	**85.18**	**89.25**	**90.60**	**93.94**	**90.70**	**90.13**	**89.50**	**85.25**	**83.63**	**81.80**	**78.16**	**75.83**	**86.16**

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM SELECTED TENNESSEE AUCTIONS, 1985-1991

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
STEERS-Medium Frame No. 2*						Dollars Per Cwt.							
300-400 lbs.													
1985	60.25	64.25	66.94	67.31	65.95	63.13	59.00	61.88	60.06	60.95	61.75	59.50	62.58
1986	60.90	63.56	63.25	61.10	58.69	59.25	61.60	64.25	65.38	63.30	60.88	60.75	61.91
1987	67.38	72.75	74.75	78.00	77.63	81.13	84.10	87.25	90.50	82.50	85.38	86.00	80.61
1988	91.00	99.00	97.90	97.25	94.50	87.10	94.00	96.30	92.00	90.80	91.80	90.25	93.50
1989	93.88	96.38	97.80	93.88	87.50	95.63	96.25	96.80	93.38	91.38	87.00	83.92	92.82
1990	90.90	95.25	101.63	100.50	101.00	93.88	96.00	100.60	96.63	92.90	95.88	101.17	97.20
1991	**100.70**	**109.50**	**111.25**	**113.13**	**107.80**	**106.38**	**103.50**	**99.63**	**100.88**	**94.40**	**86.88**	**86.50**	**101.71**
400-500 lbs.													
1985	57.50	61.50	63.63	63.56	62.90	61.56	56.85	58.75	57.88	58.00	59.75	56.42	59.86
1986	58.40	61.25	59.63	57.40	56.25	56.19	57.60	59.31	61.63	59.20	58.63	58.00	58.62
1987	62.81	67.25	68.75	71.30	72.63	72.25	75.30	79.13	81.70	76.75	78.25	79.17	73.77
1988	82.25	86.13	87.30	89.00	86.88	77.70	72.25	85.50	82.88	83.00	82.40	82.50	83.98
1989	84.00	84.50	87.80	84.50	79.80	85.38	86.13	86.00	83.75	81.19	79.05	77.25	83.28
1990	82.90	87.13	92.38	90.88	91.30	86.69	87.75	91.55	87.69	85.20	88.13	90.33	88.49
1991	**90.80**	**98.25**	**101.13**	**102.75**	**99.50**	**96.88**	**93.40**	**88.63**	**88.63**	**85.40**	**80.63**	**79.17**	**92.10**
500-600 lbs.													
1985	57.10	58.63	59.56	57.75	60.00	58.25	54.25	55.69	54.38	55.20	55.63	54.25	56.72
1986	54.90	57.13	55.75	53.65	52.75	52.81	54.45	56.44	58.69	56.00	55.19	55.92	55.31
1987	57.63	60.94	63.19	66.35	67.50	67.13	70.10	73.13	75.00	69.38	70.75	72.17	67.77
1988	75.69	78.19	80.20	79.75	80.00	70.70	74.75	78.70	77.94	76.94	76.60	76.60	77.18
1989	78.88	76.63	79.60	76.75	74.25	79.63	79.31	80.20	77.81	76.25	75.35	73.42	77.34
1990	77.90	79.50	83.07	85.00	85.15	80.75	83.69	86.00	82.63	79.75	79.69	82.42	82.13
1991	**83.55**	**88.19**	**90.63**	**94.88**	**92.90**	**89.00**	**88.35**	**82.06**	**82.31**	**78.10**	**74.56**	**72.92**	**84.79**
600-700 lbs.													
1985	55.60	57.50	57.88	55.00	57.13	54.50	52.08	52.88	50.88	52.85	53.00	52.00	54.28
1986	52.50	53.50	52.94	50.25	49.00	49.94	51.35	54.25	55.25	52.90	52.63	54.33	52.40
1987	55.94	59.13	58.75	62.10	63.38	63.00	66.00	68.13	69.90	64.00	64.75	67.50	63.55
1988	70.19	72.44	72.00	75.50	73.83	63.42	69.00	72.70	74.31	71.81	71.50	73.00	71.64
1989	74.38	75.25	73.00	71.13	71.00	73.94	75.38	75.60	74.63	72.38	71.95	73.50	73.51
1990	74.00	74.00	75.69	77.13	78.40	77.50	77.88	81.70	78.94	75.30	76.19	78.50	77.10
1991	**77.85**	**82.00**	**83.81**	**85.25**	**82.80**	**83.25**	**83.15**	**78.13**	**78.00**	**74.20**	**71.56**	**69.00**	**79.08**

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM SELECTED TENNESSEE AUCTIONS, 1985-1991

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
HEIFERS - Medium Frame No. 1*						Dollars Per Cwt.							
300-400 lbs.													
1985	55.25	57.63	60.00	60.88	60.05	57.63	54.25	56.19	53.56	54.35	56.19	54.00	56.67
1986	55.00	58.19	58.44	56.35	54.13	55.12	56.15	59.25	60.50	58.35	57.63	56.88	57.17
1987	60.56	67.60	70.38	74.65	76.00	74.50	77.65	81.69	84.80	76.88	79.50	80.17	75.37
1988	85.00	90.75	91.30	94.50	91.63	79.40	86.25	89.10	86.25	86.38	94.00	84.50	87.42
1989	89.81	93.25	92.50	88.13	85.35	91.50	91.13	91.75	88.69	85.63	82.95	80.50	88.43
1990	86.65	93.63	98.50	100.50	98.10	97.38	95.13	99.30	94.25	89.60	91.19	98.33	95.21
1991	98.00	106.75	109.00	113.13	110.80	106.63	103.40	98.81	96.25	90.20	85.19	85.25	100.28
400-500 lbs.													
1985	54.40	57.13	58.13	59.56	58.75	56.69	53.55	54.88	52.36	52.68	54.31	52.75	55.43
1986	53.30	55.81	56.56	53.80	51.81	52.70	54.10	56.00	57.94	56.55	55.13	54.88	54.88
1987	58.56	65.25	65.81	70.05	71.81	71.00	73.60	75.38	78.10	72.44	75.13	74.83	71.00
1988	78.75	82.56	83.80	85.06	83.88	74.70	77.00	80.40	80.81	79.94	79.00	78.63	80.83
1989	81.63	84.38	82.85	80.56	79.80	84.44	85.13	84.00	82.06	79.56	78.20	77.17	81.65
1990	80.60	84.38	88.57	88.57	90.10	89.69	87.19	90.25	87.13	83.40	84.38	87.67	86.84
1991	88.45	96.31	99.50	102.88	100.30	97.81	94.50	88.25	87.38	82.75	80.19	79.33	91.47
500-600 lbs.													
1985	53.80	55.63	56.38	57.69	56.55	54.56	51.15	52.94	50.31	50.95	52.06	50.83	53.87
1986	51.05	52.88	52.94	50.55	49.93	50.10	52.50	54.88	56.19	53.40	52.69	53.19	52.53
1987	56.75	61.00	62.19	66.00	67.50	67.78	70.10	72.50	73.70	68.38	69.06	70.58	67.13
1988	73.91	76.25	77.80	78.19	77.13	70.65	72.19	77.30	77.13	76.69	75.10	75.13	75.62
1989	77.94	78.81	77.45	75.25	74.25	79.38	79.50	79.45	78.50	76.63	75.30	75.33	77.32
1990	76.40	79.00	81.10	82.38	84.25	85.22	83.50	86.10	81.85	80.20	80.56	83.00	81.96
1991	83.55	88.00	91.31	92.50	92.20	90.25	88.10	83.75	81.19	79.30	77.13	74.67	85.16
600-700 lbs.													
1985	53.15	55.13	54.69	54.17	54.25	52.58	48.90	50.28	48.56	48.88	48.88	49.58	51.59
1986	49.60	51.13	49.50	46.95	46.94	47.66	51.03	53.25	53.66	51.75	51.06	51.58	50.34
1987	53.56	59.25	59.13	61.95	63.94	63.35	66.05	68.13	69.15	64.63	65.22	65.67	63.34
1988	69.38	71.75	71.13	73.00	73.81	66.22	67.28	72.00	73.14	72.75	70.40	71.88	71.13
1989	74.44	74.56	72.55	69.47	69.81	73.63	75.63	76.23	73.88	72.56	72.60	73.00	73.20
1990	74.40	73.66	75.13	77.78	79.60	80.94	80.38	82.18	80.03	76.85	76.50	78.92	78.03
1991	79.05	82.13	83.75	86.44	84.55	83.88	83.97	79.19	77.81	76.15	73.50	71.17	80.13

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM SELECTED TENNESSEE AUCTIONS, 1985-1991

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
HEIFERS - Medium Frame No. 2*						Dollars Per Cwt.							
300-400 lbs.													
1985	48.70	50.94	53.44	55.06	54.70	52.69	48.85	50.25	47.81	48.08	49.75	48.17	50.70
1986	48.60	50.25	53.25	50.80	48.25	49.06	49.95	52.50	53.25	52.35	50.69	50.38	50.77
1987	55.25	60.00	62.88	66.60	68.13	66.86	71.00	72.25	76.10	69.88	70.63	71.33	67.58
1988	76.63	81.13	84.30	82.75	83.25	71.00	75.88	77.50	78.25	75.75	76.20	76.00	78.22
1989	81.50	85.00	83.10	77.88	77.30	83.25	83.88	82.10	78.88	77.25	74.50	74.58	79.94
1990	78.55	82.13	88.25	89.38	89.10	87.63	85.50	89.20	84.50	81.30	82.13	88.33	85.50
1991	**88.00**	**97.38**	**99.25**	**100.75**	**97.05**	**96.13**	**93.10**	**89.00**	**86.13**	**81.00**	**78.31**	**74.83**	**90.08**
400-500 lbs.													
1985	48.25	51.13	51.94	53.69	53.45	51.00	48.00	49.50	47.12	46.95	48.94	46.83	49.73
1986	46.73	49.13	50.38	48.55	46.63	47.50	48.90	50.13	51.25	50.55	49.00	48.94	48.97
1987	52.88	58.50	59.63	62.90	65.13	64.31	67.00	68.63	69.80	65.75	65.50	68.17	64.02
1988	71.13	75.19	75.50	76.44	76.63	67.60	69.75	73.65	74.00	72.50	71.45	72.50	73.03
1989	75.00	78.31	76.70	72.13	72.60	77.00	77.94	76.65	75.38	72.88	70.19	70.17	74.58
1990	74.10	77.25	80.50	81.25	82.30	82.69	79.50	82.60	79.06	76.50	76.81	81.25	79.48
1991	**81.20**	**87.44**	**89.88**	**94.25**	**90.75**	**89.25**	**86.45**	**80.63**	**79.60**	**75.90**	**73.69**	**71.83**	**83.41**
500-600 lbs.													
1985	47.45	49.25	51.31	52.31	52.40	49.75	46.60	48.13	45.69	45.45	46.75	45.00	48.34
1986	46.00	48.63	47.94	46.00	44.44	45.62	47.56	49.13	50.06	48.30	47.13	47.75	47.38
1987	51.13	55.06	56.38	59.00	60.38	60.94	64.40	65.88	67.40	62.63	62.38	63.33	60.74
1988	67.56	70.13	70.08	69.75	71.63	63.20	65.75	69.20	70.50	68.00	68.30	68.25	68.53
1989	70.63	72.25	70.35	67.88	68.60	71.69	73.88	73.20	71.25	69.00	67.56	65.67	70.16
1990	69.90	71.75	75.00	75.25	77.50	78.25	76.19	80.15	76.31	73.98	72.63	76.58	75.29
1991	**76.35**	**80.19**	**82.00**	**85.50**	**84.00**	**83.25**	**81.10**	**77.31**	**75.75**	**72.25**	**70.63**	**67.75**	**78.01**
600-700 lbs.													
1985	46.50	48.63	49.88	49.75	51.50	48.00	44.40	46.00	43.13	44.40	44.75	44.33	46.77
1986	43.63	47.96	45.33	42.55	41.17	42.00	46.69	47.06	48.00	45.35	45.31	45.00	45.00
1987	50.13	53.50	53.88	56.70	58.38	59.33	60.40	61.88	63.56	58.69	61.75	61.83	58.34
1988	64.44	66.75	66.75	70.50	69.38	60.63	62.17	67.13	66.75	65.33	64.50	66.25	65.88
1989	68.00	67.67	66.08	64.50	65.44	67.32	70.44	70.80	69.63	65.75	67.13	67.50	67.52
1990	67.90	69.13	70.00	72.25	73.70	75.25	74.19	74.90	72.56	71.35	69.06	75.08	72.11
1991	**73.25**	**75.88**	**77.33**	**79.38**	**79.81**	**79.00**	**77.25**	**72.44**	**71.58**	**69.10**	**67.38**	**67.38**	**74.15**

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

UTILITY COW PRICES: SELECTED TENNESSEE AUCTIONS, 1985-1991

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Avg.
						Dollars Per Cwt.							
1985	39.50	40.00	40.50	40.19	40.60	38.78	36.40	36.19	34.25	33.05	33.25	34.83	37.30
1986	34.60	36.94	36.47	33.25	34.94	36.72	34.88	34.66	36.10	35.88	35.28	34.94	35.39
1987	39.47	41.06	42.50	43.90	44.40	43.19	44.10	43.88	44.20	41.13	45.06	45.17	43.17
1988	45.56	45.56	46.75	48.13	47.00	41.55	44.10	46.95	46.41	44.56	43.40	43.50	45.29
1989	48.75	52.31	49.65	50.31	51.10	50.94	50.85	50.35	50.50	50.19	50.10	52.50	50.63
1990	51.63	54.50	54.57	54.60	57.13	56.94	55.75	56.65	53.63	51.15	50.19	51.92	54.06
1991	51.40	54.38	55.63	55.31	57.50	56.88	52.93	50.94	50.44	48.93	47.38	48.58	52.53

FEEDER PIGS:MARKETINGS AND PRICES AT ORGANIZED FEEDER PIG SALES, 1985-1991

Year	Number Marketed	Average Weight	Average Price Per Cwt.	Average Price Per Head
		Lbs.	Dollars	Dollars
1985	525,282	47	79.05	37.29
1986	532,764	47	97.07	45.21
1987	566,189	48	96.92	46.06
1988	582,153	48	70.60	33.82
1989	476,876	49	64.30	32.00
1990	425,451	49	98.40	48.01
1991	416,614	49	85.92	42.26

FEEDER PIG PRICES: ALL WEIGHTS AND GRADES: TENNESSEE ORGANIZED FEEDER PIG SALES, 1985-1991
(AVERAGE WEIGHT 45-50 LBS.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						Dollars Per Cwt.							
1985	81.38	87.45	97.65	90.18	80.60	81.06	73.20	75.55	70.08	77.00	68.77	66.53	79.05
1986	66.64	78.05	88.99	80.30	85.24	85.57	109.63	121.85	122.57	111.04	104.33	100.13	97.07
1987	91.96	111.78	117.84	120.36	107.54	96.68	97.09	102.73	96.80	87.80	71.29	68.77	96.92
1988	73.39	92.52	103.22	103.05	90.21	61.40	53.18	56.17	51.18	49.94	45.58	56.00	70.60
1989	67.71	72.58	76.65	61.70	64.25	52.75	49.76	60.04	58.14	67.59	72.19	71.66	64.34
1990	87.39	109.99	127.36	118.85	109.91	92.38	85.96	85.39	85.50	95.05	89.22	90.21	98.40
1991	86.65	112.27	121.39	117.91	102.26	80.76	77.10	76.90	69.91	66.75	59.84	60.48	85.92

FEEDER PIGS: NUMBER MARKETED THROUGH ORGANIZED SALES, 1985-1991

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
						Number Marketed							
1985	39,032	32,194	39,741	50,167	50,925	47,540	41,311	39,346	46,530	54,635	42,276	41,485	43,765
1986	34,566	31,312	40,023	44,335	51,120	46,890	51,200	41,940	52,719	50,420	41,419	46,820	44,397
1987	37,168	35,945	48,350	45,032	48,068	50,487	47,520	47,297	51,639	53,550	49,292	46,839	46,766
1988	37,706	43,177	52,457	51,815	61,162	60,207	40,887	47,972	52,063	50,887	45,421	38,395	48,512
1989	47,573	30,750	42,784	45,123	46,883	48,926	36,435	37,582	36,578	41,518	39,515	23,209	39,740
1990	30,121	26,180	35,618	42,567	44,893	34,343	34,965	36,078	34,912	42,536	37,072	26,166	35,454
1991	35,005	26,830	30,343	41,882	40,649	36,912	33,405	34,242	35,515	40,620	29,601	31,610	34,718

SOW PRICES: U.S. 1-2 300-400 LBS. SELECTED TENNESSEE AUCTIONS, 1985-1991

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
						Dollars Per Cwt.							
1985	39.09	41.75	38.35	35.19	34.78	34.13	33.58	32.81	31.44	32.78	33.65	33.04	35.05
1986	32.81	34.53	32.44	33.12	33.90	37.11	45.83	52.27	51.11	45.97	45.13	40.66	40.43
1987	40.60	41.30	38.04	42.50	44.47	45.35	46.22	46.19	45.74	43.99	34.29	28.50	41.43
1988	32.44	34.51	32.79	33.21	35.92	35.25	28.07	31.78	29.90	32.44	25.58	23.50	31.28
1989	35.25	35.25	32.88	28.75	29.00	30.00	31.31	33.94	39.50	39.17	36.38	34.69	33.84
1990	41.00	40.75	44.46	47.50	49.95	47.29	44.50	46.95	42.38	46.22	41.63	36.50	44.09
1991	37.00	38.25	41.75	42.13	41.63	40.58	39.75	34.19	34.77	33.03	27.08	25.29	36.29

BARROW AND GILT PRICES: U.S. 1-3 210-240 LBS. SELECTED TENNESSEE AUCTIONS, 1985-1991

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
						Dollars Per Cwt.							
1985	48.95	48.53	42.72	41.01	41.48	46.52	47.51	43.64	40.50	42.92	43.38	46.34	44.46
1986	45.73	43.41	40.50	40.11	45.86	52.58	60.40	62.33	58.10	52.15	52.39	50.43	50.33
1987	46.44	47.60	46.71	50.50	55.26	60.40	60.00	58.75	53.30	48.20	40.34	39.96	50.62
1988	42.16	46.32	41.66	42.48	47.15	48.34	46.80	46.39	40.94	39.61	37.17	41.60	43.29
1989	41.78	41.04	39.88	37.55	42.45	47.90	47.41	46.88	43.89	47.30	45.33	49.34	44.28
1990	47.55	48.05	51.59	53.69	60.84	61.26	61.77	56.73	53.93	56.47	50.28	46.35	54.04
1991	48.60	50.81	50.17	49.66	53.34	54.46	54.32	50.38	45.63	42.60	36.92	38.26	47.93

Meat Production

NUMBER OF LIVESTOCK SLAUGHTERING ESTABLISHMENTS: TENNESSEE, JANUARY 1985-1992

Year	Under Federal Inspection	Customs Plants	Total
1985	70	63	133
1986	69	61	130
1987	67	61	128
1988	61	67	128
1989	56	61	117
1990	42	61	103
1991	34	61	95
1992	**32**	**32**	**64**

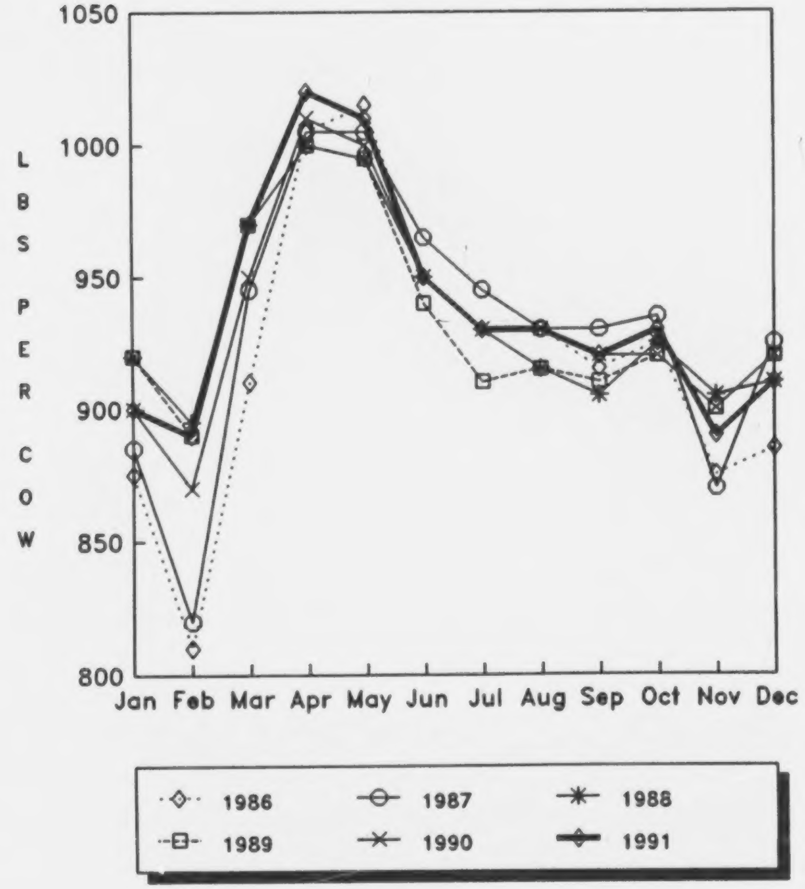
RED MEAT PRODUCTION: BY MONTHS, TENNESSEE, 1985-1991[1]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total[2]
						1,000 Pounds							
1985	58.4	50.6	55.9	57.3	56.9	51.4	55.2	55.8	55.7	62.4	56.9	54.4	670.8
1986	56.7	47.9	52.8	58.8	58.1	45.4	39.7	40.5	44.2	47.2	40.1	43.6	575.0
1987	42.7	36.9	41.9	40.7	36.8	37.8	37.9	38.2	41.8	45.3	42.7	45.3	488.0
1988	40.8	36.4	42.0	37.7	38.1	38.9	35.1	39.0	40.2	41.2	42.2	40.4	471.9
1989	39.4	34.8	39.9	35.5	39.0	35.8	30.4	34.6	35.8	42.0	39.8	30.9	437.9
1990	33.7	28.0	29.6	22.0	15.6	12.7	13.1	17.2	15.5	18.6	16.5	15.1	237.4
1991	**16.2**	**12.9**	**14.4**	**14.6**	**13.5**	**12.6**	**13.8**	**14.3**	**13.5**	**15.3**	**14.7**	**15.4**	**171.3**

[1] Includes total beef, veal, pork, lamb and mutton, excluding farm slaughter.

[2] Totals may not add due to rounding.

MILK PRODUCTION PER COW
Tennessee



Dairy

Tennessee milk production totaled 2.2 billion pounds of milk during 1991 virtually unchanged from 1990, and the previous five-year average. Tennessee dairy farmers have produced in excess of 2 billion pounds of milk for the past sixteen years with the last seven years at 2.2 billion pounds. Despite declining milk cow numbers over the period, production has remained fairly constant due to the amount of milk produced per cow. During 1991, the average milk produced per cow was 11,263 pounds, an increase of 54 pounds per cow from 1990.

The number of milk cows on Tennessee farms averaged 194,000 in 1991, a one percent decline from 1990, but below the five-year average of 197,000. There were 50,000 milk replacement heifers on hand January 1, 1992, compared with 60,000 a year earlier and a five-year average of 68,000. The ratio of milk replacement heifers to milk cows was 25.6 heifers per 100 dairy cows, compared with 30.8 a year ago.

The number of dairy farms with one or more milk cows on hand during 1991 was 4,000, down 500 farms from 1990. In 1991, 1,565 producers were licensed to sell grade A milk and 465 grade B producers. This compares with 1,624 producers licensed to sell grade A milk and 736 grade B producers in 1990.

Combined marketings of milk and cream totaled $260.9 million during 1991, compared with $302.6 million in 1990 and $285.3 million in 1989. Average returns to producers per hundredweight of milk was $12.70 in 1991, $14.73 in 1990 and $13.84 in 1989.

Total production of manufactured dairy products in Tennessee was mostly below 1990. Ice cream was up 11 percent; ice cream mix, up 10 percent; ice milk mix, down 21 percent; and, ice milk, down 26 percent.

MILK COWS: NUMBER ON FARMS, TENNESSEE, BY MONTHS, 1985-1991

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
1,000 Head													
1985	210	210	210	210	210	210	210	210	210	210	210	210	210
1986	205	205	205	203	203	203	201	201	198	198	198	198	202
1987	198	198	198	198	196	196	196	198	198	200	200	199	198
1988	198	197	195	195	197	197	197	197	199	199	199	199	197
1989	198	198	196	196	194	195	196	196	196	196	197	196	196
1990	195	196	195	196	196	197	197	198	197	196	196	196	196
1991	194	194	194	193	194	192	193	194	195	196	197	196	194

AVERAGE MILK PRODUCTION PER COW: TENNESSEE, BY MONTHS, 1985-1991

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Pounds													
1985	820	770	880	960	980	920	920	900	880	920	840	850	10,643
1986	875	810	910	1,005	1,015	950	930	930	915	925	875	885	10,995
1987	885	820	945	1,005	1,005	965	945	930	930	935	870	925	11,146
1988	920	895	970	1,000	995	950	930	915	905	925	905	910	11,234
1989	920	890	970	1,000	995	940	910	915	910	920	900	920	11,186
1990	900	870	950	1,010	1,000	950	930	930	920	920	900	920	11,209
1991	900	890	970	1,020	1,010	950	930	930	920	930	890	910	11,263

TOTAL MILK PRODUCED ON FARMS: TENNESSEE, BY MONTHS, 1985-1991

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total
Million Pounds													
1985	172	162	185	202	206	193	193	189	185	193	176	179	2,235
1986	179	166	187	204	206	193	187	187	181	183	173	175	2,221
1987	175	162	187	199	197	189	185	184	184	187	174	184	2,207
1988	182	176	189	195	196	187	183	180	180	184	180	181	2,213
1989	182	176	190	196	193	183	178	179	178	180	177	180	2,192
1990	176	171	185	198	196	187	183	184	181	180	176	180	2,197
1991	175	173	188	197	196	182	180	180	179	182	175	178	2,185

MILK PRODUCTION, DISPOSITION, AND INCOME, TENNESSEE, 1987-1991

Item	Unit	1987	1988	1989	1990	1991[1]
Milk Cows and Production of Milk and Milkfat on Farms:						
No. of milk cows on farms[2]	Thousands	203	197	196	196	194
Production of milk and milkfat[3]						
Per milk cow-Milk	Pounds	10,872	11,234	11,184	11,209	11,263
Per milk cow-Milkfat	Pounds	399	413	412	404	407
Percentage of fat in all milk produced	Percent	3.67	3.68	3.68	3.60	3.61
Total milk	Mil. Lbs.	2,207	2,213	2,192	2,197	2,186
Total milkfat	Mil. Lbs.	81.0	81.4	80.7	79.1	78.9
Milk Used and Marketed by Producers:						
Milk used on farms where produced						
Fed to calves[3]	Mil. Lbs.	145	154	100	107	99
Used for milk, cream and butter	Mil. Lbs.	30	35	30	35	31
Total	Mil. Lbs.	175	189	130	142	130
Milk Marketed by Producers:						
Sold to plants and dealers as whole milk[4]	Mil. Lbs.	2,025	2,015	2,055	2,050	2,055
Sold directly to consumers[5]	Mil. Lbs.	7	9	7	5	[11]
Total	Mil. Lbs.	2,032	2,024	2,062	2,055	2,055
Milk Sold to Plants and Dealers:[4]						
Quantity	Mil. Lbs.	2,025	2,015	2,055	2,050	2,055
Price per 100 lbs.	Dollars	13.40	13.10	13.80	14.70	12.70
Cash receipts	Thous. Dol.	271,350	263,965	283,590	301,350	260,985
Milk Sold Directly to Consumers:[5]						
Quantity	Thous. Qts.	3,256	4,186	3,256	2,326	[10]
Price per quart	Cents	53	51	53	54	[10]
Cash receipts	Thous. Dol.	1,726	2,135	1,726	1,256	[10]
Combined Marketing of Milk and Cream:						
Milk utilized	Mil. Lbs.	2,032	2,024	2,062	2,055	2,055
Average returns[6]						
per 100 lbs. of milk	Dollars	13.44	13.15	13.84	14.73	12.70
per lb. of milkfat	Dollars	3.66	3.57	3.76	4.09	3.52
Cash receipts from marketings	Thous. Dol.	273,076	266,100	285,316	302,606	260,985
Used for Milk, Cream, Butter on Farms where produced:						
Milk utilized	Mil. Lbs.	30	35	30	35	31
Value[7]	Thous. Dol.	4,032	4,602	4,151	5,154	3,937
Gross farm income from dairy products[8]	Thous. Dol.	277,107	270,701	289,467	307,760	264,922
Farm value of all milk produced[7 9]	Thous. Dol.	296,593	290,948	303,303	323,516	277,495

[1] Preliminary.
[2] Average number on farms during year, excluding heifers not yet fresh.
[3] Excludes milk sucked by calves.
[4] Includes milk produced by dealers' own herds.
[5] Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.
[6] Cash receipts divided by milk or milkfat represented in combined marketings.
[7] Valued at average returns per 100 lbs. of milk in combined marketings of milk and cream.
[8] Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm churned butter.
[9] Includes value of milk fed to calves.
[10] Not published to avoid disclosing individual operations.
[11] Sales are included in milk sold to plants.

MILK FAT TEST: TENNESSEE, BY MONTHS, 1986-1991

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
ALL MILK						PERCENT							
1986	3.88	3.86	3.76	3.61	3.58	3.54	3.53	3.53	3.64	3.72	3.84	3.91	3.70
1987	3.88	3.83	3.74	3.66	3.55	3.51	3.49	3.47	3.56	3.72	3.81	3.84	3.67
1988	3.87	3.80	3.71	3.62	3.56	3.55	3.52	3.52	3.59	3.72	3.83	3.85	3.68
1989	3.80	3.79	3.76	3.66	3.59	3.58	3.56	3.53	3.55	3.70	3.73	3.83	3.68
1990	3.74	3.66	3.59	3.57	3.50	3.49	3.47	3.48	3.51	3.66	3.74	3.77	3.60
1991	**3.79**	**3.74**	**3.65**	**3.52**	**3.51**	**3.48**	**3.46**	**3.48**	**3.54**	**3.66**	**3.77**	**3.79**	**3.61**
FLUID													
1986	3.88	3.87	3.77	3.62	3.59	3.56	3.54	3.54	3.64	3.72	3.84	3.91	3.71
1987	3.88	3.83	3.75	3.67	3.56	3.51	3.49	3.47	3.56	3.73	3.81	3.84	3.68
1988	3.87	3.80	3.71	3.62	3.57	3.55	3.52	3.52	3.59	3.72	3.83	3.85	3.68
1989	3.80	3.79	3.76	3.66	3.59	3.58	3.55	3.53	3.55	3.69	3.71	3.82	3.67
1990	3.72	3.66	3.59	3.57	3.50	3.48	3.47	3.47	3.50	3.65	3.73	3.77	3.60
1991	**3.79**	**3.74**	**3.65**	**3.53**	**3.51**	**3.48**	**3.46**	**3.47**	**3.54**	**3.66**	**3.77**	**3.79**	**3.62**
MANUFACTURING													
1986	3.89	3.78	3.71	3.51	3.49	3.44	3.48	3.48	3.64	3.76	3.86	3.94	3.64
1987	3.84	3.88	3.68	3.61	3.48	3.48	3.47	3.47	3.54	3.61	3.84	3.87	3.63
1988	3.90	3.82	3.71	3.63	3.46	3.54	3.49	3.53	3.58	3.76	3.88	3.93	3.67
1989	3.83	3.82	3.80	3.65	3.58	3.61	3.66	3.55	3.59	3.87	4.03	3.97	3.72
1990	4.07	3.69	3.59	3.64	3.55	3.55	3.51	3.55	3.60	3.78	3.85	3.84	3.66
1991	**3.78**	**3.74**	**3.65**	**3.46**	**3.49**	**3.50**	**3.49**	**3.57**	**3.66**	**3.71**	**3.78**	**3.80**	**3.58**

MILK: PRICES RECEIVED BY FARMERS, TENNESSEE, BY MONTHS, 1986-1991

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
ALL MILK						DOLLARS PER CWT.							
1986	13.10	13.00	12.70	12.40	12.80	12.60	12.80	12.90	13.30	13.70	13.90	14.10	13.10
1987	14.20	14.00	13.60	13.20	12.90	12.90	12.90	12.90	13.40	13.40	13.50	13.40	13.40
1988	13.50	13.10	13.00	12.50	12.40	12.40	12.40	12.80	13.10	13.40	14.00	14.00	13.10
1989	14.00	13.80	13.50	12.80	12.70	13.00	12.90	13.30	14.10	14.60	15.30	16.20	13.80
1990	16.30	16.10	15.20	13.80	13.90	14.20	14.70	15.20	15.30	14.90	14.30	12.20	14.70
1991	**12.40**	**12.10**	**12.00**	**11.60**	**11.80**	**12.00**	**12.50**	**12.90**	**13.30**	**13.80**	**14.40**	**14.50**	**12.70**
FLUID													
1986	13.30	13.20	12.90	12.60	13.00	12.90	13.10	13.20	13.60	14.00	14.10	14.30	13.30
1987	14.40	14.20	13.80	13.40	13.10	13.20	13.20	13.20	13.70	13.60	13.70	13.60	13.60
1988	13.70	13.30	13.20	12.60	12.60	12.60	12.60	13.00	13.30	13.60	14.20	14.10	13.20
1989	14.20	14.00	13.60	13.00	12.90	13.20	13.10	13.50	14.30	14.70	15.40	16.30	14.00
1990	16.40	16.30	15.30	13.90	14.00	14.40	14.80	15.40	15.50	15.00	14.50	12.30	14.80
1991	**12.50**	**12.20**	**12.10**	**11.80**	**12.00**	**12.10**	**12.60**	**13.00**	**13.40**	**13.90**	**14.50**	**14.50**	**12.80**
MANUFACTURING													
1986	11.40	11.20	11.10	10.70	10.80	10.70	10.70	10.80	11.20	11.40	11.60	11.70	11.10
1987	11.50	11.50	11.10	11.10	10.90	10.90	10.90	11.00	11.20	11.40	11.60	11.30	11.20
1988	11.40	11.20	11.00	10.80	10.50	10.60	10.20	11.00	10.90	11.40	11.70	12.00	11.00
1989	11.80	11.60	11.40	10.90	10.70	10.90	11.20	11.30	11.70	12.70	13.30	13.50	11.60
1990	13.40	12.70	13.10	12.60	12.00	12.10	12.80	12.50	12.70	12.20	11.40	11.00	12.40
1991	**10.20**	**10.10**	**9.70**	**9.80**	**9.90**	**10.10**	**10.30**	**11.10**	**11.60**	**11.90**	**11.60**	**11.50**	**10.40**

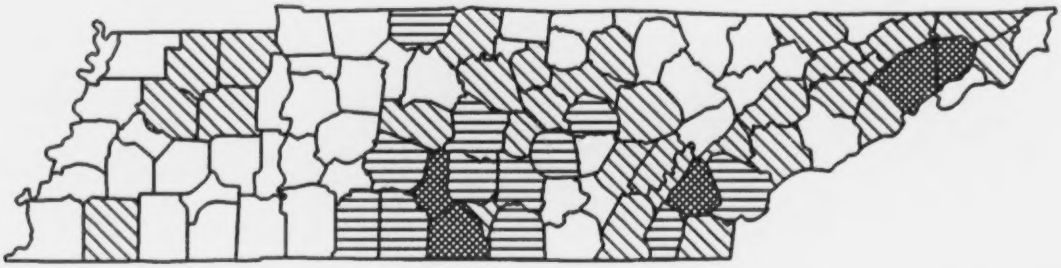
MILK COWS: PRICES RECEIVED BY FARMERS, TENNESSEE, BY QUARTERS, 1986-1991

Year	January	April	July	October	Annual Average
			Dollars Per Head		
1986	750	730	770	740	750
1987	780	850	840	860	835
1988	890	890	850	850	870
1989	890	930	920	940	920
1990	940	1,000	1,090	1,040	1,020
1991	970	900	920	930	930

GRAIN AND OTHER CONCENTRATES: QUANTITY FED TO MILK COWS AND VALUE, TENNESSEE, 1988-1991

Year	Quantity Fed Daily Per Cow				Quantity Fed Annually			Annual Average Value of Feed	
	Jan. 1	Apr. 1	July 1	Oct. 1	Per Cow	Per CWT. of Milk	Total	Per CWT.	Per CWT. of Milk
	Pounds				Pounds		Tons	Dollars	
1988	15.0	16.0	16.0	14.0	5,170	47	509	$8.88	$4.17
1989	15.0	16.0	15.0	15.0	5,170	48	507	$9.58	$4.57
1990	16.0	16.0	14.0	15.0	5,600	50	549	$9.25	$4.63
1991	16.0	15.0	15.0	15.0	5,290	47	513	$9.04	$4.29

TENNESSEE MILK COWS
January 1, 1992



TOP FIVE COUNTIES

1. GREENE	13,900
2. McMINN	11,000
3. WASHINGTON	8,500
4. LINCOLN }tie	8,000
MARSHALL	8,000

HEAD

▩	8,000 AND OVER
▤	4,000–7,999
▧	1,000–3,999
☐	UNDER 1,000

MANUFACTURED DAIRY PRODUCTS: PRODUCTION BY MONTHS, TENNESSEE, 1990-1991

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total
						1,000 Gallons							
1990													
Ice Cream Mix	532	646	713	624	840	928	892	813	749	651	542	478	8,408
Ice Milk Mix	267	265	304	318	341	389	343	361	279	232	216	184	3,499
Milk Sherbet Mix	37	46	53	40	60	54	63	53	48	40	34	30	558
Ice Cream	1,018	1,137	1,303	1,144	1,523	1,692	1,632	1,241	1,448	1,202	1,023	928	15,291
Ice Milk[1]	403	413	511	487	502	599	544	537	455	361	314	279	5,405
Milk Sherbet	55	72	87	65	74	93	95	81	110	57	59	46	894
1991													
Ice Cream Mix	636	815	765	853	801	979	833	873	756	684	709	540	9,244
Ice Milk Mix	195	197	253	237	268	300	297	279	196	236	167	144	2,769
Milk Sherbet Mix	45	44	50	47	49	54	59	50	47	44	33	31	553
Ice Cream	1,124	1,555	1,355	1,451	1,448	1,851	1,524	1,812	1,452	1,227	1,244	963	17,006
Ice Milk[1]	252	309	326	302	380	420	437	407	325	351	267	231	4,007
Milk Sherbet	66	68	71	73	67	81	83	78	57	80	59	48	811

[1] 1Includes hard, soft-serve, and freezer-made milkshake.

MANUFACTURED DAIRY PRODUCTS: PRODUCTION BY SPECIFIED PRODUCTS, 1985-1991

Year	Total Ice Cream	Sherbet (Milk)	Ice Milk	Ice Cream Mix	Ice Milk Mix	Milk Sherbet Mix
			1,000 Gallons			
1985	19,119	918	6,636	9,702	2,769	590
1986	21,075	909	6,023	10,468	2,710	640
1987	21,267	1,005	6,794	11,049	2,900	662
1988	18,800	923	5,562	10,155	2,970	625
1989	18,611	867	5,587	9,856	4,238	619
1990	15,291	894	5,405	8,408	3,499	558
1991	17,006	811	4,007	9,244	2,769	553

MANUFACTURED DAIRY PRODUCTS: PRODUCTION BY SPECIFIC PRODUCTS, 1985-1991

Year	Butter	American Cheese Made From Whole Milk	Cottage Cheese Curd	Cottage Cheese Creamed
		1,000 Pounds		
1985	[1]	[1]	7,099	9,625
1986	[1]	[1]	[1]	[1]
1987	[1]	[1]	7,128	8,284
1988	[1]	[1]	7,592	8,967
1989	[1]	6,018	6,139	7,865
1990	[1]	9,950	6,289	6,668
1991	[1]	[1]	5,262	6,151

[1] Production not shown to avoid disclosing individual operations.

Poultry

CHICKENS: NUMBER ON FARMS AND VALUE, TENNESSEE, DECEMBER 1, 1984-1991

Year	Total[1]	Hens	Pullets Laying	Pullets[2]	Pullets[3]	Other Chickens	Value All Chickens Per Head	Value All Chickens Total
				1,000 Birds			Dollars	1,000 Dollars
1984	4,100	1,410	1,790	500	280	120	1.85	7,585
1985	3,300	1,120	1,560	320	210	90	1.85	6,105
1986	3,500	1,000	1,585	265	550	100	1.70	5,950
1987	3,250	1,260	1,210	290	410	80	1.25	4,063
1988	2,070	730	1,000	150	130	60	1.25	2,588
1989	1,680	600	650	260	90	80	1.45	2,436
1990	1,600	355	765	180	220	80	3.00	4,800
1991	**1,720**	**740**	**500**	**125**	**275**	**80**	**3.40**	**5,848**

[1] Excludes commercial broilers. [2] Over 3 months. [3] Under 3 months.

CHICKENS: LOST, SOLD AND VALUE OF SALES, TENNESSEE, 1984-1991

Year[1]	Number Lost	Number Sold	Pounds Sold	Value of Sales[2]
	1,000 Birds		1,000 Lbs.	1,000 Dollars
1984	450	2,350	11,750	1,763
1985	420	2,540	10,160	1,473
1986	375	1,920	7,680	960
1987	310	1,650	6,600	660
1988	280	1,570	6,280	628
1989	190	1,170	5,148	865
1990	185	1,110	4,884	625
1991	**145**	**1,030**	**4,635**	**575**

[1] Annual estimates cover the period December 1 previous year through November 30 and excludes commercial broilers. [2] Formerly called Cash Income.

MARKET EGGS: PRICES RECEIVED BY FARMERS, TENNESSEE, BY MONTHS, 1984-1991

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Marketing Year Average[1]
							Cents Per Dozen						
1984	75.0	91.0	84.0	91.0	71.0	61.0	61.1	60.0	61.3	55.5	64.9	60.5	71.0
1985	49.2	48.5	57.2	51.9	48.8	57.5	50.2	58.9	63.6	65.5	69.9	65.8	56.7
1986	66.7	59.5	70.3	54.9	55.0	48.2	61.6	58.2	66.7	58.5	69.8	[2]	61.1
1987[2]													46.0
1988[2]													46.0
1989[2]													51.7
1990[2]													52.0
1991[2]													**54.7**

[1] Marketing year is December 1 previous year through November 30 current year. [2] Monthly price estimates discontinued.

EGGS: PRODUCTION AND VALUE, TENNESSEE, 1985-1991

Year[1]	Average Number Of Layers during year	Eggs Per Layer	Eggs Produced	Price Per Dozen	Value of Production
	1,000 Birds	Number	Million	Cents	1,000 Dollars
1985	2,948	256	756	56.7	35,721
1986	2,637	251	663	61.1	33,758
1987	2,684	250	670	46.0	25,683
1988	2,120	251	532	46.0	20,393
1989	1,612	241	389	66.5	21,557
1990	1,217	227	277	70.2	16,204
1991	1,112	250	279	80.7	18,763

[1] Annual estimates cover the period December 1 through November 30.

EGG PRODUCTION: TENNESSEE, BY MONTHS, 1985-91

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total[1]
						Million Eggs							
1985	69	59	63	62	63	60	62	62	62	65	65	60	756
1986[2]	172			170			165			156			663
1987[2]	159			175			176			160			670
1988[2]	149			141			128			114			532
1989[2]	110			108			95			76			389
1990[2]	59			69			78			71			277
1991[2]	68			70			68			73			279

[1] The marketing year covers the period December 1 previous year through November 30 current year.

[2] Estimates made on quarterly basis.

HENS AND PULLETS OF LAYING AGE: TENNESSEE, BY MONTHS, 1985-1991

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Avg.[1]
						Thousands							
1985	3,095	3,040	2,950	2,855	2,810	2,860	2,910	2,931	2,951	2,976	2,845	2,746	2,948
1986[2]	2,721			2,746			2,576			2,503			2,637
1987[2]	2,608			2,780			2,786			2,556			2,684
1988[2]	2,380			2,200			2,045			1,855			2,120
1989[2]	1,705			1,600			1,640			1,505			1,613
1990[2]	1,250			1,238			1,218			1,166			1,218
1991[2]	1,109			1,079			1,086			1,176			1,113

[1] The marketing year covers the period December 1 previous year through November 30 current year.

[2] Estimates made as quarterly averages.

BROILERS: PRODUCTION AND INCOME, TENNESSEE, 1984-1991

Year	Birds Produced	Pounds Produced	Price Per Pound[1]	Value of Production
	1,000	1,000	Cents	1,000 Dollars
1984	70,000	287,000	31.0	88,970
1985	70,900	290,690	27.5	79,940
1986	80,000	336,000	31.5	105,840
1987	89,500	375,900	25.5	95,855
1988	87,000	365,400	31.0	113,274
1989	99,300	426,990	34.0	145,177
1990	99,100	436,040	30.0	130,812
1991	108,200	476,080	29.5	140,444

[1] Liveweight equivalent price.

BROILERS: PRICES RECEIVED BY FARMERS, TENNESSEE, BY MONTHS, 1984-1991[1]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Marketing Year Average[2]
						Cents Per Pound							
1984	36.0	35.5	35.5	32.0	32.0	30.0	31.5	28.5	29.0	27.0	28.0	27.0	31.0
1985	28.0	28.0	27.0	25.5	27.5	29.0	28.0	27.0	27.5	26.0	29.0	26.5	27.5
1986	27.5	26.5	26.0	26.5	31.0	31.0	41.0	40.5	34.0	34.5	32.0	[3]	31.5
1987[3]													25.5
1988[3]													31.0
1989[3]													34.0
1990[3]													30.0
1991[3]													29.5

[1] Liveweight equivalent price.

[2] Marketing year is December 1 through November 30. Average prices are computed by weighing monthly prices by the estimated percentage of sales each month.

[3] Monthly estimates discontinued.

HONEY PRODUCTION DOWN

Honey production in Tennessee from producers with five or more colonies totaled 532,000 pounds in 1991, down 15 percent from the 1990 production. There were 14,000 colonies producing honey in 1991 compared with 19,000 colonies in 1990. Yield per colony at 38 pounds continued to increase at a rate of 15 percent.

Honey stocks on hand December 15, 1991 were 106,000 pounds. The 1991 honey crop averaged $0.68 per pound, down 31 cents from 1990. The value of Tennessee honey production totaled $362,000 compared with $621,000 in 1990.

HONEY: TENNESSEE, 1987-1991

Year	Colonies of Bees	Honey Production Per Colony	Production	Average Price Per Pound	Value of Production	Honey Stocks on Hand for Sale Dec. 15
	1,000	Pounds	1,000 Pounds	Cents	1,000 Dollars	1,000 Pounds
1987	35	40	1,400	76	1,064	462
1988	35	40	1,400	75	1,050	462
1989	25	25	625	74	463	25
1990	19	33	627	99	621	138
1991	14	38	532	68	362	106

FOOD-SIZE CATFISH INVENTORY UP

Water surface acres used for the production of catfish in Tennessee increased by 26 percent from July 1, 1991 to January 1, 1992. There were an additional 120 acres under construction on January 1, 1992.

Tennessee's food-size catfish numbered 251,000 on January 1, 1992, up 150,000 from 1991. Increases occurred in both the medium and large food-size categories. The average liveweight per fish increased from 1.2 pounds to 2.3 pounds per fish.

The value of sales for catfish in the 16 selected states was down 13 percent from 1990 to $285 million in 1991. Sales of stockers totaled 3.78 million dollars, down 46 percent from the 7.04 million dollars in sales during 1990. Sales of all food size fish totaled 264 million dollars, down 13 percent from last year's total of 305 million dollars.

Food-size fish in the selected states were primarily marketed through processors, and stockers were marketed through other producers.

CATFISH: NUMBER OF OPERATONS, TOTAL WATER ACRES, AND SALES, TENNESSEE AND SELECTED STATES[1] 1991-1992

State	Operations		Water Surface		Total Sales	
	July 1, 1991	Jan. 1, 1992	July 1, 1991	Jan. 1, 1992	1990	1991
	Number		Acres		1,000 Dollars	
Tennessee	27	[4]	310	390	[4]	[4]
Selected States	1,943	1,886	163,550	161,490	329,283	285,427

CATFISH: FOOD-SIZE, JANUARY 1 INVENTORYTENNESSEE AND SELECTED STATES[1], 1990-1991

State	Unit	Tennessee		Selected States	
		1990	1991	1990	1991
Small Food-size					
Number of Head	(000)	120	98	167,124	166,857
Liveweight	(000)Lb.	115	102	168,644	169,111
Medium Food-size					
Number of Head	(000)	25	109	66,592	70,545
Liveweight	(000)Lb.	50	216	118,904	132,312
Large Food-Size Sold					
Number of Head	(000)	5	44	5,594	6,772
Liveweight	(000)Lb.	20	253	19,694	23,456
Total Food-size					
Number of Head	(000)	150	251	239,310	244,174
Liveweight	(000)Lb.	185	571	307,242	324,879

CATFISH: PERCENT FOOD-SIZE AND STOCKERS SOLD BY OUTLET TYPE, TENNESSEE AND SELECTED STATES[1], 1991

Outlet	Food-Size		Stockers	
	Tennessee	Selected States	Tennessee	Selected States
Live-haulers	[4]	2	[4]	24
Fee & Recreation	[4]	1	[4]	10
Other Producers	[4]	0	[4]	58
Processors	[4]	93	[4]	0
Restaurants/Direct Retail	[4]	2	[4]	0
Other Sales	[4]	0	[4]	8
Total	[4]	98	[4]	100

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[1] Selected States include Alabama, Arkansas, Illinois, Kentucky, Louisiana, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas. [2] Not published to avoid disclosure of hatchery operations. [3] Less than 1 percent. [4] Not available.

TROUT SALES INCREASE 6 PERCENT

During the twelve month period beginning September 1, 1990 and ending August 31, 1991, Tennessee's trout growers earned $623,000 from food-size trout and stocker sales compared with $747,000 during the same period last year. The major factor in this 17 percent decrease was food-size fish sales which decreased from $562,000 last year to $528,000 this year and made up 84 percent of Tennessee's trout sales. Eighty-nine percent of Tennessee's stockers (6 to 12 inches in length) were sold to other producers for fish stocking their ponds, 10 percent were harvested for fee recreation purposes, and 1 percent sold to live haulers. Tennessee producers received an average price per pound $1.34 for stockers, down from $2.06 in 1990, and $2.03 food-size, down from $2.05 last year. Tennessee producers received an average price per pound of $1.34 for stockers, down from $2.06 in 1990, and $2.03 for food-size, down from $2.05 last year.

The total number of pounds lost through death and theft totaled 65,000 pounds in 1991, down from 161,000 pounds in 1990. The predominant causes of loss and corresponding proportions were: flood, 39%; drought, 37%; disease, 12%; predators, 7%; theft, 2%; chemicals, 1%; and other causes, 1%.

TROUT: NUMBER OF OPERATIONS AND SALES, TENNESSEE AND SELECTED STATES[1]

State	Operations		Total Sales From	
	Sept. 1 1990	Sept. 1 1991	Sept. 1, 1989–Aug. 31, 1990[2]	Sept. 1, 1990–Aug. 31, 1991
	Number		1,000 Dollars	
Tennessee	12	11	808	642
Selected States	461	454	77,108	70,825

TROUT FOOD-SIZE AND STOCKER SALES: NUMBER, WEIGHT, VALUE, AVERAGE PRICE, TENNESSEE AND SELECTED STATES[1], YEAR ENDING AUG.31

State	Unit	Tennessee		Selected States[1]	
		1990	1991	1990	1991
Food-Size Food Sold					
Number of Head	(000)	316	284	67,794	68,118
Liveweight	(000)Lb.	274	260	56,816	58,952
Average Price/Lb.	$	2.05	2.03	1.14	0.99
Value Sold	(000)$	562	528	64,640	58,345
Stocker Fish Sold					
Number of Head	(000)	462	133	8,315	7,824
Liveweight	(000)Lb.	90	71	2,765	2,850
Average Price/Lb.	$	2.06	1.34	2.28	2.10
Value Sold	(000)$	185	95	6,307	5,990
Total Stocker and Food-Size Sold					
Number of Head	(000)	778	417	76,109	75,942
Liveweight	(000)Lb.	364	331	59,581	61,802
Average Price/Lb.	$	2.05	1.88	1.19	1.04
Value Sold	(000)$	747	623	70,947	64,335

TROUT: PERCENT FOOD-SIZE AND STOCKERS SOLD BY OUTLET TYPE, TENNESSEE AND SELECTED STATES, SEPT 1, 1990 THROUGH AUG. 31, 1991

Outlet	Food-Size		Stockers	
	Tennessee	Selected States[1]	Tennessee	Selected States[1]
Live-haulers	3	3	1	7
Fee and Recreation	17	10	10	60
Other Producers	8	3	89	18
Government	1	0	--	--
Direct to Consumers	14	1	--	7
Processors	8	72	--	--
Restaurants/Direct Retail	49	10	--	--
Other Sales	--	1	--	8
Total	100	100	100	100

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[1] Selected States include California, Colorado, Georgia, Idaho, Michigan, Missouri, New York, North Carolina, Oregon, Pennsylvania, Tennessee, Utah, Virginia, Washington, Wisconsin.

[2] Total sales for Sept. 1, 1989-Aug. 31, 1990 excludes fingerling sales.

Weather

1991 WEATHER SUMMARY

JANUARY - MARCH: Heavy showers caused flood damage early in the New Year. Temperatures started out above normal, but a cooling trend took hold at mid-January and prevailed through the end of the month. A warming trend brought temperatures 10 degrees above normal in early February. Showers brought several inches of rain to the western half of the state. Warm fronts at mid-month brought additional heavy rain to the West and Middle regions, and heavy snow to the eastern mountains. Widespread rainfall continued into early March. Warm weather early in the month gave way to a blast of winter at mid-month. Sleet storms caused damage along the southern counties and in East Tennessee.

APRIL: Farmers got the 1991 growing season off to a very slow start due to continuous heavy showers. Some field preparation was underway early in the month, but many cornfields remained too muddy to plant. Most tobacco beds had been seeded by the first of April, and plants were coming up on schedule. Excessive moisture was causing problems in tobacco. Botrytis and gray mold was found on plants raised in floatation beds, and several beds were being treated for algae problems. Cool weather and leaching of nitrogen left some tobacco beds with yellowed, dying plants. Flea beetles and red aphids were feeding on plant beds in Middle Tennessee. Storms early in the month destroyed 50 to 60 tobacco barns and caused major damage to another 250 in Robertson County. Cotton planting was slowed by soggy fields, and was running about a week behind normal. Wheat was growing rapidly in most areas. Septoria and powdery mildew were reported in some areas. "Take all" disease was causing some problems in Middle Tennessee. Some wheat was damaged by excessive moisture. Apples and peaches escaped late frosts and were making good quality crops. Strawberry growers were also enjoying a high quality crop. Tomato transplanting was slowed by showers. Vegetable gardens were in good shape, but cutworms were beginning to cause problems. Grapes were progressing well. There was a heavy infestation of eastern tent caterpillars in cherry trees. Pastures were in good condition. Alfalfa weevils were abundant. Ticks and flies were a tremendous bother for livestock.

MAY: Insect problems worsened in early May. Fly infestations of cattle remained quite heavy. Red ants and ticks were the worst in years. Aphids were damaging fruit. Cutworms were heavy in early gardens. Cereal leaf beetles continued to be a problem in wheat. Early planted corn was emerging well, although heavy rains continued to further delay planting. Some growers had decided to switch over to milo. Several acres of corn and sorghum were lost to heavy flooding in West and Middle Tennessee. Many seeds rotted in the ground before sprouting. Most cornfields were being sprayed for European corn borers. Tobacco transplanting was delayed by rain as plants were getting too big for beds. Damping off was a growing problem in tobacco beds. Angular leaf spot became a problem in some Middle Tennessee beds. Other concerns for tobacco growers included wilting, stem rot, budworms, flea beetles, weeds, and black shank. Plant shortages were reported in some areas. Rust was heavy in wheat as farmers prepared to get the harvest underway late in the month. The strawberry harvest was winding down, with most growers reporting a successful year. Colorado potato beetles were feeding heavily on irish potatoes, and growers had difficulty controlling the pests. Farmers applied fungicides to tomatoes as early blight appeared. Pasture conditions were the best in years. Excellent clover growth was reported in pastures and hay fields. Drizzly weather made hay-making difficult. Musk thistles were thriving. Cattle and calves were in good to excellent condition despite very high populations of flies and ticks.

JUNE: Cotton growers took advantage of open weather in early June as they rushed to plant fields. Half the crop was planted in one week alone after fields had finally dried enough. Farmers planted the most cotton in 37 years -- 620,000 acres, despite one of the latest plantings ever. Insects were heavy in cotton and growers were making pinhead square applications for weevils. Farmers matched the previous year's record low corn acreage, planting only 620,000 acres. Soybean acreage was also way down. Farmers planted only 1.1 million acres, the lowest since 1966. Some tobacco acreage was drowned by flooding in June, but still growers were tending the largest crop in seven years. Blue mold was confirmed in several counties. Black shank, weather fleck, angular leaf spot, aphids, and budworms also received attention. Most wheat was in poor condition. Combining made good progress, although the wheat crop had suffered greatly from moisture-related diseases. Concern was growing over the fruit crop as Japanese beetle populations skyrocketed. Weeds and moisture-related diseases were heavy in vegetable gardens. Considerable weed control efforts were underway. Cedar apple rust and eastern tent caterpillars were causing problems for apple growers. Snap beans were moving to market by the end of the month. Pasture growth continued to make excellent progress during June thanks to regular rainfall. Regrowth of hay fields was good, although growers experienced weather delays during harvest. There were numerous reports of pinkeye in cattle, and flies bothering all livestock. Respiratory problems were also reported in some cattle.

JULY: Most farmers were cutting alfalfa for the second time during July, with a few making third cuttings. Heavy rains well into the summer allowed for excellent hay growth.

Pastures were providing plenty of feed. Warm, moist growing conditions kept most crops in good to excellent condition. Tobacco remained mostly fair to good despite a variety of problems. Topping and spraying were the main activities for tobacco growers. Some water, wind, and hail damage occurred to the tobacco crop during the month. Cotton was under moisture stress in most areas. Some cotton was beginning to throw off squares due to dry conditions, especially in West Tennessee. Spraying for boll weevils was underway. Corn was in mostly fair to good condition. Late corn was especially hard hit by the lack of moisture. Yellowing on the bottoms of plants and armyworms were were observed in various fields. The early corn crop, however, was growing quite well. Soybeans were growing well at the beginning of July, but became stressed by dry weather toward the end of the month. Most gardens were in fair to good condition, experiencing heavy insect populations and lack of moisture. The snap bean crop was in good condition as the crop began moving to market. Japanese beetles were feeding heavily on most vegetable crops.

AUGUST: Showers in early August helped tobacco perk up in East Tennessee. In some eastern counties the storms were severe enough to damage crops, especially tobacco. Dry weather across the rest of the state began to cause stress in late corn and early soybeans. Most vegetable gardens were in need of rain, and pasture growth had slowed in early August. Rain brought some relief at mid-month. Hail and wind continued to cause damage to tobacco in East Tennessee. In the western half of the state, dry weather prevailed for the most part. Soybean condition had deteriorated in that region. Some beans were beginning to abort blooms as yield potential steadily decreased. Threshold levels of bollworms were present in cotton. Japanese beetles continued to feed in many gardens. Scattered showers fell occasionally through the end of the month. The last two weeks of August provided farmers with fairly good weather for harvesting hay and tobacco. Dry weather prompted an earlier than usual silage harvest, as late corn was stressed by dry conditions in West and Middle Tennessee. Soybeans ended the month in need of moisture as they began to set pods. Cotton was in mostly fair condition or better.

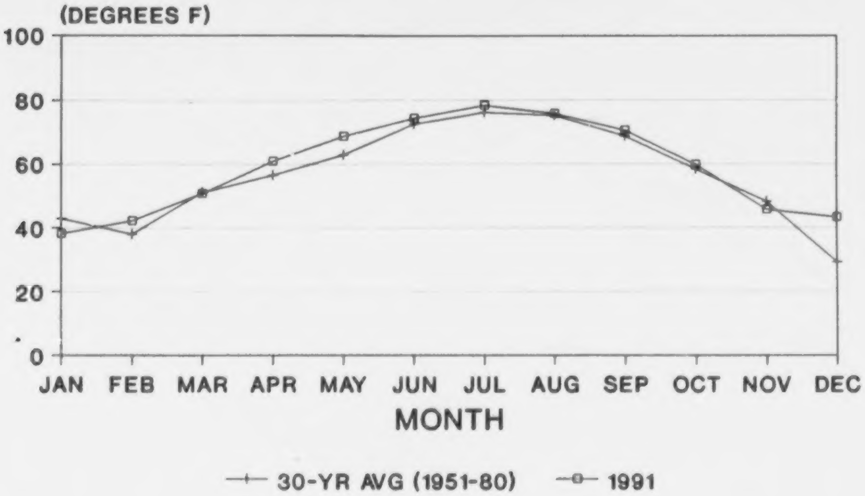
SEPTEMBER: Abundant rainfall gave row crops a big boost in early September. Late crops continued to look promising. The corn harvest picked up considerable pace. Boll rot was showing up in early planted cotton. Defoliation was underway on a few acres. Some growers were still in need of rain, with the crop losing a lot of squares. Boll weevil numbers were on the increase. Tobacco growers were making especially good progress with the harvest. Weather was ideal for curing tobacco most of the month. Control of suckers on tobacco was a major problem. European hornets were widespread in West Tennessee feeding on fruit. The snap bean harvest continued with some fungus problems reported. East Tennessee farmers were wrapping up a banner year for vegetables. State apple orchards looked especially inviting after a favorable growing season. Pickers were emptying their orchard's of a high quality fruit. Most pastures were greening up after considerable rainfall. Fescue pastures were also making some growth. Fall hay became short in many areas, and some cattlemen began to feed winter hay. Spraying was underway for a considerable fall armyworm population in pastures and hay fields. Grasshoppers were heavy. A marked increase in face flies was noticed in cattle. Late September was much cooler as farmers rushed to harvest corn and cotton, and follow up with cover crops.

OCTOBER: Tennessee farmers were hoping for a late fall. What they got instead was one of the earliest heavy frosts on record. Although the frost was heavy, it was short-lived, and most crops were spared damage. Farmers continued a rapid grain harvest. Yields were quite good and averaged better than normal. The early frost caused soybeans to shed leaves more rapidly. Most farmers said that did more good than harm. Pod fill and size improved during autumn showers. The cotton harvest continued at a good speed, with most farmers reporting the crop in good condition. Much of the month was ideal for stripping tobacco. Cool, dry weather for the most part made the task a little easier. Some mildew and white mold damage was reported. Mostly clear skies allowed wheat seeding to progress at a brisk pace. A few acres of wheat had to be re-seeded due to armyworm damage. Fall gardens were growing quite well. Reports of armyworm infestations in newly seeded fescue were widespread. Pasture growth began to slow in some areas as the month wore on. Soils were very dry across most of West Tennessee at the end of the month. Dairy cows responded to the cooler weather with increased milk production. Some farmers continued to feed winter hay.

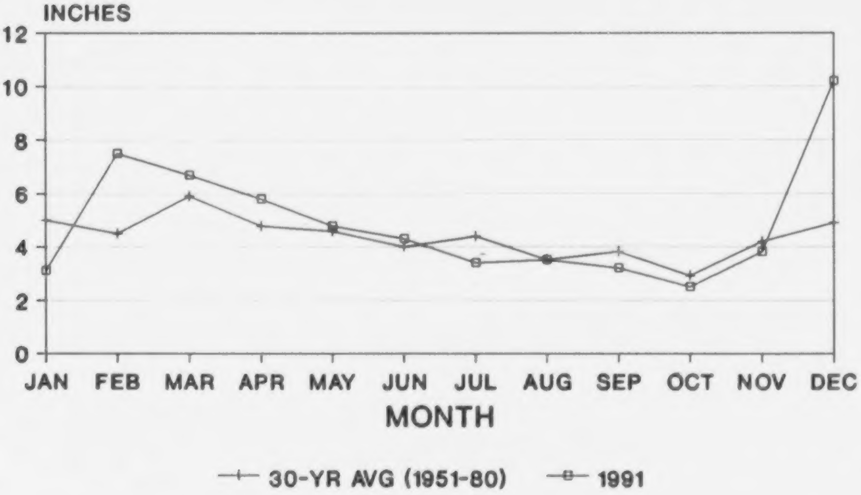
NOVEMBER: An Arctic blast in early November sent temperatures tumbling from the 80's into the teens. Blustery conditions dropped wind chill factors below zero as record cold was felt across the state. A half-foot of snow blanketed the Smokies. Farmers charged on through the fall harvest despite uncomfortable working conditions. East Tennessee was quite dry, with a high threat of forest and brush fires. The soybean harvest was wrapped up about a week behind schedule. Ideal cotton harvest conditions allowed many growers to continue to pick a second or third time. Dry, windy weather brought tobacco stripping to a halt for a time. Growers had to wait for additional moisture to bring tobacco in case for stripping. Small grain emergence was spotty in the dry areas. Germination was quite slow due to the lack of moisture and cold temperatures. Farmers reported a good crop of sweetpotatoes and apples. Extremely cold temperatures brought many fall gardens to a close. A few late tomatoes and some excellent cabbage was harvested just before the heavy frost.

DECEMBER: Storms at mid-month brought signficant rainfall statewide. Temperatures were mild throughout much of the month. The year ended with a low pressure system bringing in colder, wet weather. Soil moisture was mostly short to adequate in West Tennessee, and mostly adequate in the Middle and Eastern counties.

AVERAGE TEMPERATURE
TENNESSEE



AVERAGE PRECIPITATION
TENNESSEE



TENNESSEE LAST FREEZE DATES

Data taken from National Weather Service offices, Cooperative Observers, and University of Tennessee Experiment Stations through the years have provided the following table. The table lists the chance of occurrence, or probability, that a freeze will occur after a certain date. For example, at Bolivar there is a 90 percent chance (9 in 10) that the last freeze will occur after March 25 ... a 50 percent chance that it will occur after April 6 ... and a 10 percent chance after the 17th.

TENNESSEE SPRING FREEZE DATES AT SELECTED PROBABILITY LEVELS

DISTRICT/STATION	90 PERCENT	50 PERCENT	10 PERCENT
WEST TENNESSEE			
BOLIVAR	3/25	4/06	4/17
BROWNSVILLE	3/19	4/01	4/14
COVINGTON	3/16	3/31	4/14
DYERSBURG	3/09	3/26	4/12
JACKSON ES	3/25	4/06	4/18
JACKSON AP	3/23	4/03	4/15
MARTIN ES	3/24	4/07	4/21
MEMPHIS AP	3/08	3/23	4/08
MILAN	3/24	4/05	4/16
NEWBERN	3/20	4/01	4/12
PARIS	3/28	4/11	4/24
SAMBURG WLD REF	3/23	4/04	4/16
UNION CITY	3/23	4/06	4/20
MIDDLE TENNESSEE			
CLARKSVILLE	3/29	4/12	4/27
COLUMBIA	3/25	4/08	4/23
DICKSON	3/27	4/09	4/22
DOVER	4/04	4/22	5/10
FRANKLIN	3/29	4/14	4/29
LEWISBURG ES	3/30	4/15	5/01
MURFREESBORO	3/27	4/10	4/23
NASHVILLE AP	3/24	4/05	4/16
SAVANNAH	3/27	4/09	4/22
SHELBYVILLE	3/30	4/15	4/30
SPRINGFIELD	3/27	4/10	4/24
WAYNESBORO	4/11	4/27	5/13
CUMBERLAND PLATEAU			
ALLARDT	4/03	4/22	5/11
CELINA	4/07	4/20	5/02
CROSSVILLE ES	4/04	4/26	5/17
MCMINNVILLE	3/27	4/11	4/26
MONTEAGLE	3/26	4/11	4/27
TULLAHOMA	3/28	4/09	4/21
EAST TENNESSEE			
COPPERHILL	4/03	4/21	5/10
GATLINBURG	4/18	5/01	5/13
GREENEVILLE ES	4/09	4/23	5/08
KINGSPORT	4/03	4/16	4/29
KNOXVILLE UT	3/18	3/29	4/09
LENOIR CITY	3/31	4/13	4/25
NEWPORT	4/02	4/17	5/01
OAK RIDGE	3/28	4/11	4/26
ROGERSVILLE	4/06	4/22	5/07

TENNESSEE FIRST FREEZE DATES

Data taken from National Weather Service offices, Cooperative Observers, and University of Tennessee Experiment Stations through the years have provided the following table. The table lists the chance of occurrence, or probability, that a freeze will occur by a certain date. For example, at Bolivar there is a 10 percent chance (1 in 10) that a freeze will occur on or before October 9 ... a 50 percent chance that it will occur by the 24th ... and a 90 percent chance by November 8. Also, the historical first fall freeze date has been provided by the University of Tennessee.

TENNESSEE FALL FREEZE DATES AT SELECTED PROBABILITY LEVELS

DISTRICT/STATION	FIRST	10 PERCENT	50 PERCENT	90 PERCENT
WEST TENNESSEE				
AMES	10/02	10/05	10/20	11/04
BOLIVAR		10/09	10/24	11/08
BROWNSVILLE		10/16	10/29	11/11
COVINGTON	10/07	10/17	10/30	11/13
DYERSBURG	10/14	10/23	11/04	11/16
JACKSON ES	09/30	10/15	10/28	11/11
JACKSON AP	10/04	10/16	10/29	11/11
MARTIN ES	10/04	10/13	10/25	11/07
MEMPHIS AP	10/16	10/25	11/07	11/20
MILAN	10/02	10/10	10/23	11/04
NEWBERN		10/10	10/24	11/08
PARIS	10/03	10/09	10/22	11/05
SAMBURG WLD REF		10/14	10/25	11/05
UNION CITY	10/03	10/06	10/20	11/02
MIDDLE TENNESSEE				
CLARKSVILLE		10/08	10/22	11/05
COLUMBIA		10/05	10/20	11/04
DICKSON		10/08	10/22	11/06
DOVER		10/04	10/14	10/25
FRANKLIN		10/07	10/21	11/04
LEWISBURG ES	09/30	10/07	10/20	11/02
MURFREESBORO		10/09	10/22	11/04
NASHVILLE AP	10/02	10/13	10/29	11/11
SAVANNAH		10/12	10/25	11/07
SHELBYVILLE		10/06	10/21	11/05
SPRINGFIELD ES	10/03	10/07	10/19	11/01
SPRING HILL ES	10/02	10/02	10/20	11/06
WAYNESBORO		09/28	10/11	10/23
CUMBERLAND PLATEAU				
ALLARDT		10/03	10/16	10/29
CELINA		10/05	10/20	11/03
CROSSVILLE ES	09/30	10/01	10/15	10/29
CROSSVILLE AP	10/02	10/04	10/19	11/02
MCMINNVILLE		10/08	10/23	11/07
MONTEAGLE		10/15	10/29	11/11
TULLAHOMA		10/08	10/21	11/04
EAST TENNESSEE				
BRISTOL AP	10/02	10/11	10/24	11/06
CHATTANOOGA	10/18	10/20	11/01	11/13
COPPERHILL		10/06	10/18	10/30
GATLINBURG		10/03	10/15	10/26
GREENEVILLE ES	10/03	10/08	10/20	10/31
KINGSPORT		10/07	10/20	11/02
KNOXVILLE UT	10/04	10/23	11/06	11/20
KNOXVILLE AP		10/23	11/04	11/17
LENOIR CITY		10/14	10/27	11/09
NEWPORT		10/09	10/21	11/03
OAK RIDGE		10/14	10/27	11/10
ROGERSVILLE		10/04	10/17	10/31

International Trade

INTRODUCTION

Under present methods of statistical measurement, it is not possible to determine what amount of Tennessee's agricultural production is actually sold abroad. No reliable system of reporting this information has yet been designed, and no official series of data exist.

USDA's Economic Research Service (ERS) publishes estimates of U.S. agricultural export contributions by states on a fiscal year basis (October-September). See following page. These estimates are prepared by major commodity groups and in most cases are based on the assumption that, for each commodity, a state contributes the same export share as its share of production. However, where obvious distortions exist, this procedure is amended. In order to keep data manageable, ERS limits exports only to states that account for 90 percent of a given commodity's output. They also assumed that a state would export only if it had an apparent surplus. They further assume that, although this method could eliminate some export states, it's more likely that large exporters would be sufficiently credited. Thus, for Tennessee, ERS no longer publishes estimates for wheat, feed grains, fruits or nuts, and no allowance is made for them in the "other" category.

BULK AGRICULTURAL EXPORTS STEADY IN 1991

There was little change in the value of U.S. agricultural exports in 1991. At $39.2 billion, exports were $200 million lower than in 1990. Exports rose for most products, but a 14 percent decline in grain shipments more than offset other gains. Grain exports fell $1.6 billion as wheat prices and corn volume declined. Cotton exports also fell, down $303 million.

Exports increased for most high-value products (HVP), and total HVP exports rose $1.5 billion to a record $21.2 billion. HVP export gains were led by meat's $296 million jump. Although Japan remained by far the largest market for the United States, Mexico and Canada accounted for much of the increase. In contrast to previous years, meat exports to Japan fell slightly in 1991. Exports to Japan fell in the months following its April 1991 transition from quotas to tariffs. Under a 1988 U.S.-Japanese agreement, Japan progressively raised its beef import quotas and then replaced them with progressively falling tariffs. Before April 1991, Japanese buyers increased stocks in anticipation of the first year's 70 percent tariff, and stocks remained high for much of the year after April. In April 1992, Japan is scheduled to reduce its tariff on beef imports to 60 percent, and a decline to 50 percent is scheduled the following year.

Meat exports to Mexico rose from $227 million to $415 million in 1991, an 83 percent gain. To encourage foreign investment and the repatriation of domestic capital, Mexico has liberalized its import regime in recent years. This, combined with strong economic growth, has boosted sales of U.S. HVP.

Exports to Canada rose due in part to the strength of the Canadian dollar on foreign exchange markets. Canada maintained real interest rates above those in the United States during much of 1991, sustaining its currency on foreign exchange markets. Favorable exchange rates encouraged U.S. exports of meat and other HVP to Canada.

AGRICULTURAL EXPORTS: TENNESSEE AND U.S., 1988-1990

Commodity	Tennessee 1988	Tennessee 1989	Tennessee 1990	United States 1988	United States 1989	United States 1990
	Million Dollars					
Soybean and Product	103.4	120.2	81.6	6,972.2	5,822.0	5,271.8
Tobacco, Unmanufactured	74.5	76.1	67.3	1,297.1	1,273.9	1,373.5
Cotton and Linters	94.9	78.0	106.2	2,150.1	2,059.4	2,719.5
Cottonseed and Products	5.0	4.2	3.5	114.5	106.8	94.3
Wheat and Products	—	—	—	4,675.1	6,278.4	4,430.3
Feed Grains and Products	—	—	—	6,228.5	8,345.8	9,070.9
Live Animals and Meat, Excluding Poultry	20.8	21.9	17.8	2,248.6	2,830.0	2,817.3
Fats, Oils, and Grease	3.4	2.4	1.3	544.6	530.8	458.8
Poultry and Products	1.6	1.6	11.4	647.4	724.5	853.5
Hides and Skins	10.7	7.4	4.8	1,836.8	1,713.0	1,795.6
Vegetables and Preparations	1.2	1.2	1.1	1,280.5	1,542.3	2,078.7
Dairy Products	7.2	6.3	4.8	535.5	474.7	347.7
Fruits and Preparations	—	—	—	1,714.1	1,800.2	2,188.1
Tree Nuts	—	—	—	779.7	688.5	734.9
Feeds and Fodders	2.8	3.3	5.6	874.3	1,062.4	1,047.5
Seeds	3.7	4.5	5.2	414.7	506.6	576.4
Other	9.4	13.1	15.8	1,944.9	2,554.8	3,112.9
All Commodities	338.6	340.2	326.3	35,378.6	39,637.1	40,181.8

Source: "Foreign Agricultural Trade of the United States," USDA, Economic Research Service, May/June 1991. Fiscal year ending September 30.

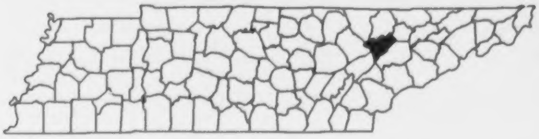
VALUE OF U.S. FOREIGN TRADE AND TRADE BALANCE, CALENDAR YEARS, 1972-1991

Year	U.S. Exports Agri-cultural	U.S. Exports Non Agri-cultural	U.S. Exports Total	U.S. Exports Percent Agri-cultural	U.S. Imports Agri-cultural	U.S. Imports Non Agri-cultural	U.S. Imports Total	U.S. Imports Percent Agri-cultural	Trade Balance Agri-cultural	Trade Balance Non Agri-cultural	Trade Balance Total
		Million Dollars		Percent		Million Dollars		Percent		Million Dollars	
1972	9,401	39,558	48,959	19	6,467	48,843	55,310	12	2,934	- 9,285	-6,351
1973	17,680	52,566	70,246	25	8,419	60,605	69,024	12	9,261	- 8,039	1,222
1974	21,945	75,199	97,144	23	10,221	89,919	100,140	10	11,724	-14,720	-2,996
1975	21,859	84,702	106,561	21	9,293	87,638	96,931	10	12,566	- 2,936	9,630
1976	22,978	90,688	113,666	20	10,966	110,486	121,452	9	12,012	- 19,798	- 7,786
1977	23,636	95,370	119,006	20	13,438	134,538	147,976	9	10,198	- 39,168	- 28,970
1978	29,382	111,744	141,126	21	14,805	158,107	172,912	9	14,577	- 46,363	- 31,786
1979	34,749	143,842	178,591	19	16,724	189,126	205,850	8	18,025	- 45,284	- 27,259
1980	41,233	175,359	216,592	19	17,366	226,611	243,977	7	23,867	- 51,252	- 27,385
1981	43,339	185,622	228,961	19	16,772	242,240	259,012	6	26,567	- 56,618	- 30,051
1982	36,627	170,531	207,158	18	15,341	226,999	242,340	6	21,286	- 56,468	- 35,182
1983	36,099	159,870	195,969	18	16,530	240,150	256,680	6	19,569	- 80,280	- 60,711
1984	37,804	174,253	212,057	18	19,334	303,656	322,990	6	18,470	- 129,403	- 110,933
1985	29,041	177,884	206,925	14	19,968	323,584	343,552	6	9,073	- 145,700	- 136,627
1986	26,217	183,330	209,547	13	21,440	347,217	368,657	6	4,777	- 163,887	- 159,110
1987	28,709	215,150	243,859	12	20,402	381,664	402,066	5	8,307	- 166,514	- 158,207
1988	37,126	270,888	308,014	12	20,951	416,189	437,140	5	16,175	- 145,301	- 129,126
1989	39,933	307,594	347,527	11	21,749	446,613	468,362	5	18,184	- 139,019	- 120,835
1990	39,363	335,830	375,193	10	22,770	468,205	490,975	5	16,593	- 132,375	- 115,782
1991	39,191	361,831	401,022	10	22,719	460,309	483,028	5	16,472	-98,478	-82,006

Source: "Foreign Agricultural Trade of the United States," USDA, Economic Research Service, January/February 1992.

County Highlights

ANDERSON COUNTY

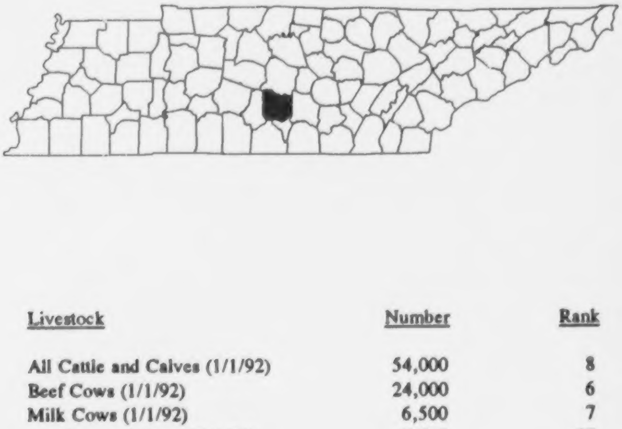


	1987 Census
Total Land in Farms	40,472
Average Farm Size	87
Average Value of Farm and Buildings	$ 148,505
Market Value of All Farm Products	$ 5,420,000
Market Value of All Crops	$ 2,134,000
Market Value of All Livestock	$ 3,286,000
Market Value of Nursery Products	*
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	*	*	*	*
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	*	*	*	*
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	80	1,750	140,000	58
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	8,000	2	17,500	58
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	10,000	73
Beef Cows (1/1/92)	4,000	78
Milk Cows (1/1/92)	600	55
All Hogs and Pigs (12/1/91)	1,000	73
Hogs and Pigs for Breeding (12/1/91)	200	69

BEDFORD COUNTY



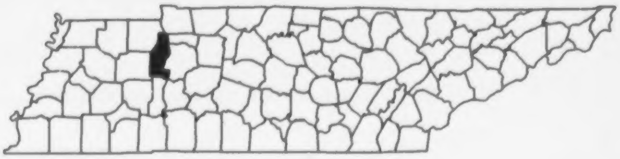
	1987 Census
Total Land in Farms	221,058
Average Farm Size	178
Average Value of Farm and Buildings	$ 153,726
Market Value of All Farm Products	$ 42,735,000
Market Value of All Crops	$ 3,168,000
Market Value of All Livestock	$ 39,568,000
Market Value of Nursery Products	*
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	8,500	91	770,000	15
Soybeans, Bu.	9,300	26	240,000	25
Wheat, Bu.	5,400	29	155,000	14
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	145	1,830	265,000	50
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	1,300	3	4,200	22
All Other Hay, Tons	31,000	2	58,000	15
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	54,000	8
Beef Cows (1/1/92)	24,000	6
Milk Cows (1/1/92)	6,500	7
All Hogs and Pigs (12/1/91)	7,500	27
Hogs and Pigs for Breeding (12/1/91)	1,200	23

* = None or no estimate available.

BENTON COUNTY

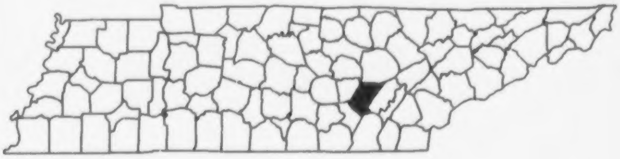


	1987 Census
Total Land in Farms	64,560
Average Farm Size	165
Average Value of Farm and Buildings	$ 97,872
Market Value of All Farm Products	$ 4,730,000
Market Value of All Crops	$ 1,525,000
Market Value of All Livestock	$ 3,206,000
Market Value of Nursery Products	*
Average Age of Farmers	52

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	4,500	77	345,000	29
Soybeans, Bu.	4,800	25	120,000	37
Wheat, Bu.	600	20	12,000	61
Grain Sorghum, Bu.	500	52	26,000	23
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	6,000	2	12,500	71
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	9,000	80
Beef Cows (1/1/92)	5,000	72
Milk Cows (1/1/92)	100	80
All Hogs and Pigs (12/1/91)	9,000	23
Hogs and Pigs for Breeding (12/1/91)	1,400	19

BLEDSOE COUNTY



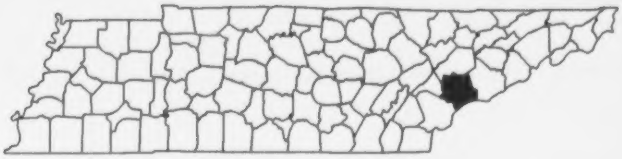
	1987 Census
Total Land in Farms	88,616
Average Farm Size	184
Average Value of Farm and Buildings	$ 160,295
Market Value of All Farm Products	$ 10,427,000
Market Value of All Crops	$ 3,132,000
Market Value of All Livestock	$ 7,295,000
Market Value of Nursery Products	*
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	2,500	86	215,000	44
Soybeans, Bu.	1,800	27	49,000	46
Wheat, Bu.	1,300	28	37,000	36
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	8	1,750	14,000	68
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	800	4	2,800	37
All Other Hay, Tons	19,400	2	33,000	32
Cotton	*	*	*	

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	26,000	34
Beef Cows (1/1/92)	11,000	31
Milk Cows (1/1/92)	2,300	29
All Hogs and Pigs (12/1/91)	3,500	51
Hogs and Pigs for Breeding (12/1/91)	800	41

* = None or no estimate available.

BLOUNT COUNTY

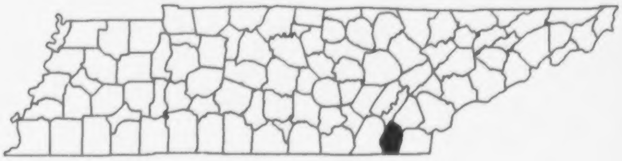


	1987 Census
Total Land in Farms	101,397
Average Farm Size	86
Average Value of Farm and Buildings	$ 169,544
Market Value of All Farm Products	$ 13,689,000
Market Value of All Crops	$ 4,102,000
Market Value of All Livestock	$ 9,587,000
Market Value of Nursery Products	$ 1,568,000
Average Age of Farmers	55

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	3,100	108	335,000	30
Soybeans, Bu.	1,400	36	50,000	45
Wheat, Bu.	1,800	31	55,000	30
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	445	1,920	855,000	34
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	1,400	4	5,800	14
All Other Hay, Tons	26,500	2	58,000	16
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	41,000	15
Beef Cows (1/1/92)	15,500	19
Milk Cows (1/1/92)	2,400	28
All Hogs and Pigs (12/1/91)	3,000	54
Hogs and Pigs for Breeding (12/1/91)	500	51

BRADLEY COUNTY



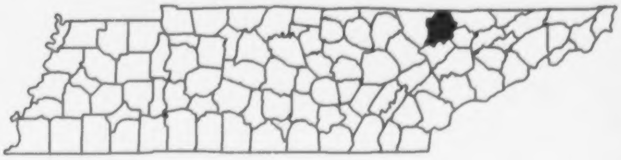
	1987 Census
Total Land in Farms	92,127
Average Farm Size	125
Average Value of Farm and Buildings	$ 153,934
Market Value of All Farm Products	$ 34,370,000
Market Value of All Crops	$ 649,000
Market Value of All Livestock	$ 33,720,000
Market Value of Nursery Products	$ 75,000
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	500	88	44,000	85
Soybeans, Bu.	300	32	9,600	70
Wheat, Bu.	400	25	10,000	63
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	90	1,835	165,000	56
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	1,300	4	4,800	19
All Other Hay, Tons	16,500	2	32,000	34
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	27,000	32
Beef Cows (1/1/92)	8,000	47
Milk Cows (1/1/92)	4,600	16
All Hogs and Pigs (12/1/91)	2,000	64
Hogs and Pigs for Breeding (12/1/91)	200	69

* = None or no estimate available.

CAMPBELL COUNTY

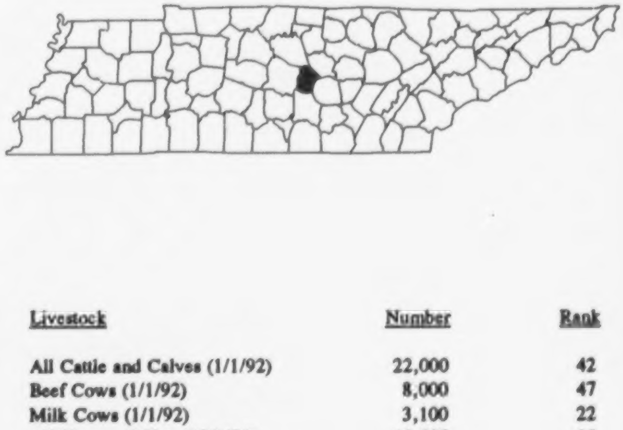


	1987 Census
Total Land in Farms	34,850
Average Farm Size	74
Average Value of Farm and Buildings	$ 94,277
Market Value of All Farm Products	$ 3,544,000
Market Value of All Crops	$ 1,094,000
Market Value of All Livestock	$ 2,451,000
Market Value of Nursery Products	$ *
Average Age of Farmers	57

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	300	113	34,000	88
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	*	*	*	*
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	325	1,925	625,000	39
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	6,000	2	13,000	71
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	9,500	77
Beef Cows (1/1/92)	2,500	91
Milk Cows (1/1/92)	400	63
All Hogs and Pigs (12/1/91)	2,000	64
Hogs and Pigs for Breeding (12/1/91)	200	69

CANNON COUNTY



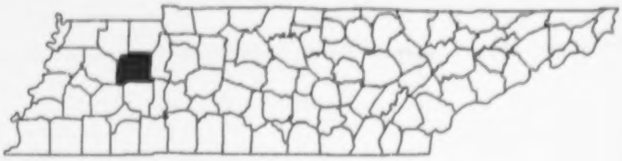
	1987 Census
Total Land in Farms	100,562
Average Farm Size	145
Average Value of Farm and Buildings	$ 110,038
Market Value of All Farm Products	$ 10,406,000
Market Value of All Crops	$ 1,997,000
Market Value of All Livestock	$ 8,409,000
Market Value of Nursery Products	$ 66,000
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	5,000	90	450,000	23
Soybeans, Bu.	5,900	26	155,000	32
Wheat, Bu.	1,500	23	35,000	37
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	255	1,900	484,000	43
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	800	3	2,300	41
All Other Hay, Tons	15,500	2	32,000	36
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	22,000	42
Beef Cows (1/1/92)	8,000	47
Milk Cows (1/1/92)	3,100	22
All Hogs and Pigs (12/1/91)	12,000	16
Hogs and Pigs for Breeding (12/1/91)	1,800	13

* = None or no estimate available.

CARROLL COUNTY

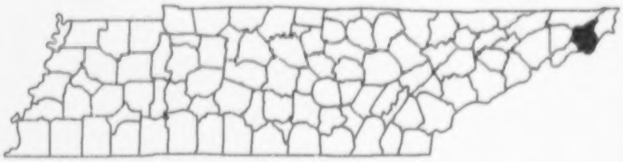


	1987 Census
Total Land in Farms	166,462
Average Farm Size	196
Average Value of Farm and Buildings	$ 127,583
Market Value of All Farm Products	$ 16,963,000
Market Value of All Crops	$ 8,928,000
Market Value of All Livestock	$ 8,036,000
Market Value of Nursery Products	$ 66,000
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	21,000	70	1,470,000	7
Soybeans, Bu.	15,500	28	430,000	19
Wheat, Bu.	4,900	18	90,000	23
Grain Sorghum, Bu.	1,600	58	92,000	13
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	700	3	2,000	44
All Other Hay, Tons	11,600	2	19,500	54
Cotton	16,800	614	21,500	11

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	18,000	49
Beef Cows (1/1/92)	11,000	31
Milk Cows (1/1/92)	1,000	45
All Hogs and Pigs (12/1/91)	17,000	11
Hogs and Pigs for Breeding (12/1/91)	1,800	13

CARTER COUNTY



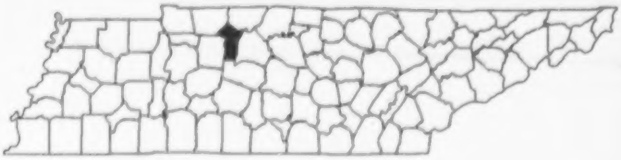
	1987 Census
Total Land in Farms	37,589
Average Farm Size	55
Average Value of Farm and Buildings	$ 72,797
Market Value of All Farm Products	$ 5,719,000
Market Value of All Crops	$ 1,978,000
Market Value of All Livestock	$ 3,740,000
Market Value of Nursery Products	$ 352,000
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	500	88	44,000	86
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	*	*	*	*
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	710	2,075	1,475,000	23
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	6,500	2	13,500	68
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	11,500	69
Beef Cows (1/1/92)	4,000	78
Milk Cows (1/1/92)	1,000	45
All Hogs and Pigs (12/1/91)	200	93
Hogs and Pigs for Breeding (12/1/91)	100	85

* = None or no estimate available.

CHEATHAM COUNTY

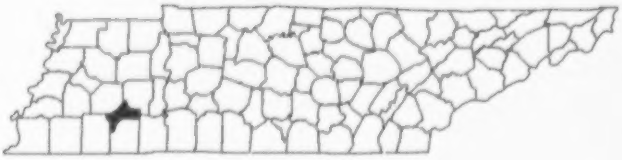


	1987 Census
Total Land in Farms	66,931
Average Farm Size	118
Average Value of Farm and Buildings	$ 151,044
Market Value of All Farm Products	$ 5,495,000
Market Value of All Crops	$ 3,035,000
Market Value of All Livestock	$ 2,460,000
Market Value of Nursery Products	$ *
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	800	80	64,000	78
Soybeans, Bu.	500	28	14,000	68
Wheat, Bu.	600	25	15,000	51
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	220	1,925	424,000	45
Dark Fired Tobacco, Lbs.	650	2,125	1,380,000	3
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	7,800	2	15,000	64
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	9,500	77
Beef Cows (1/1/92)	5,500	68
Milk Cows (1/1/92)	*	*
All Hogs and Pigs (12/1/91)	3,500	51
Hogs and Pigs for Breeding (12/1/91)	700	46

CHESTER COUNTY



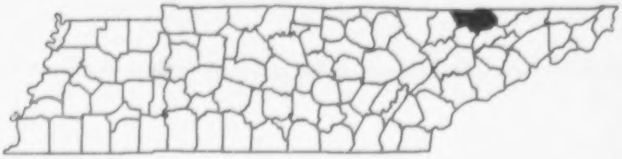
	1987 Census
Total Land in Farms	73,132
Average Farm Size	189
Average Value of Farm and Buildings	$ 122,614
Market Value of All Farm Products	$ 6,860,000
Market Value of All Crops	$ 3,489,000
Market Value of All Livestock	$ 3,371,000
Market Value of Nursery Products	*
Average Age of Farmers	52

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	4,900	55	270,000	38
Soybeans, Bu.	8,100	24	195,000	27
Wheat, Bu.	1,900	25	47,000	33
Grain Sorghum, Bu.	1,700	56	96,000	12
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	6,200	2	13,000	70
Cotton	4,400	537	4,920	14

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	7,000	87
Beef Cows (1/1/92)	3,000	86
Milk Cows (1/1/92)	300	67
All Hogs and Pigs (12/1/91)	12,000	16
Hogs and Pigs for Breeding (12/1/91)	1,000	28

* = None or no estimate available.

CLAIBORNE COUNTY

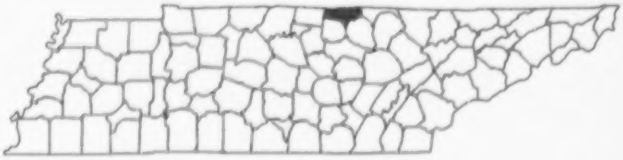


	1987 Census
Total Land in Farms	141,587
Average Farm Size	93
Average Value of Farm and Buildings	$ 84,164
Market Value of All Farm Products	$ 14,864,000
Market Value of All Crops	$ 6,229,000
Market Value of All Livestock	$ 8,635,000
Market Value of Nursery Products	$ *
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	800	98	78,000	72
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	*	*	*	*
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	2,720	2,020	5,500,000	5
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	900	4	3,200	33
All Other Hay, Tons	23,000	2	50,000	20
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	38,000	18
Beef Cows (1/1/92)	17,000	15
Milk Cows (1/1/92)	2,000	31
All Hogs and Pigs (12/1/91)	5,500	36
Hogs and Pigs for Breeding (12/1/91)	500	51

CLAY COUNTY



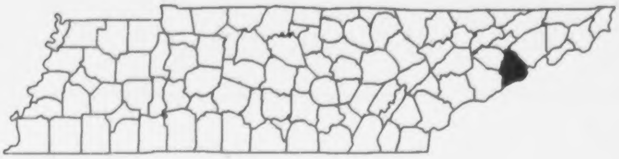
	1987 Census
Total Land in Farms	75,507
Average Farm Size	143
Average Value of Farm and Buildings	$ 80,405
Market Value of All Farm Products	$ 4,480,000
Market Value of All Crops	$ 1,777,000
Market Value of All Livestock	$ 2,703,000
Market Value of Nursery Products	*
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,400	79	110,000	59
Soybeans, Bu.	500	31	15,400	64
Wheat, Bu.	*	*	*	*
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	900	2,050	1,845,000	19
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	9,700	2	18,000	56
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	12,500	65
Beef Cows (1/1/92)	6,000	62
Milk Cows (1/1/92)	200	76
All Hogs and Pigs (12/1/91)	2,000	64
Hogs and Pigs for Breeding (12/1/91)	500	51

* = None or no estimate available.

COCKE COUNTY

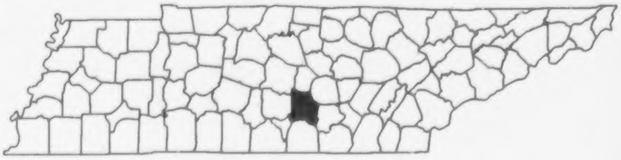


	1987 Census
Total Land in Farms	89,277
Average Farm Size	83
Average Value of Farm and Buildings	$ 91,179
Market Value of All Farm Products	$ 12,557,000
Market Value of All Crops	$ 5,000,000
Market Value of All Livestock	$ 7,556,000
Market Value of Nursery Products	*
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,000	99	99,000	64
Soybeans, Bu.	700	31	22,000	57
Wheat, Bu.	*	*	*	*
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	1,550	1,860	2,885,000	12
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	600	4	2,300	42
All Other Hay, Tons	12,300	2	27,000	44
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	19,000	46
Beef Cows (1/1/92)	8,000	47
Milk Cows (1/1/92)	2,500	27
All Hogs and Pigs (12/1/91)	1000	73
Hogs and Pigs for Breeding (12/1/91)	100	85

COFFEE COUNTY



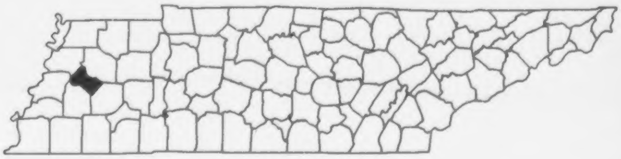
	1987 Census
Total Land in Farms	143,496
Average Farm Size	162
Average Value of Farm and Buildings	$ 161,977
Market Value of All Farm Products	$ 21,464,000
Market Value of All Crops	$ 6,744,000
Market Value of All Livestock	$ 14,720,000
Market Value of Nursery Products	*
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	13,500	90	1,220,000	11
Soybeans, Bu.	13,300	28	377,000	21
Wheat, Bu.	4,800	29	140,000	17
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	14	1,645	23,000	67
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	1,400	4	5,300	16
All Other Hay, Tons	24,000	2	48,000	22
Cotton	1,500	586	1,830	22

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	28,000	29
Beef Cows (1/1/92)	8,500	45
Milk Cows (1/1/92)	5,000	14
All Hogs and Pigs (12/1/91)	10,500	19
Hogs and Pigs for Breeding (12/1/91)	1,400	19

* = None or no estimate available.

CROCKETT COUNTY

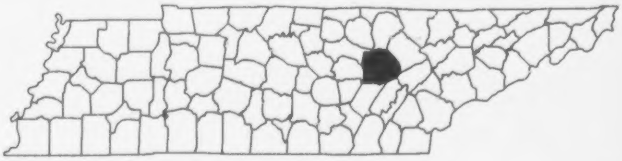


	1987 Census
Total Land in Farms	184,140
Average Farm Size	364
Average Value of Farm and Buildings	$ 345,069
Market Value of All Farm Products	$ 40,373,000
Market Value of All Crops	$ 38,068,000
Market Value of All Livestock	$ 2,305,000
Market Value of Nursery Products	*
Average Age of Farmers	51

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,600	78	125,000	56
Soybeans, Bu.	15,200	29	440,000	16
Wheat, Bu.	2,800	25	70,000	25
Grain Sorghum, Bu.	1,700	66	113,000	9
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	3,200	2	4,800	84
Cotton	83,600	574	100,000	2

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	8,000	83
Beef Cows (1/1/92)	4,500	76
Milk Cows (1/1/92)	*	*
All Hogs and Pigs (12/1/91)	5,000	39
Hogs and Pigs for Breeding (12/1/91)	700	46

CUMBERLAND COUNTY



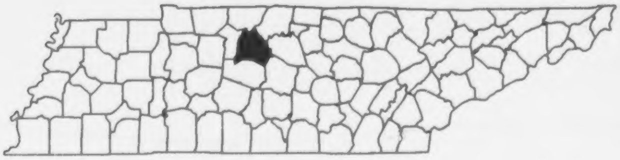
	1987 Census
Total Land in Farms	93,994
Average Farm Size	151
Average Value of Farm and Buildings	$ 131,474
Market Value of All Farm Products	$ 10,394,000
Market Value of All Crops	$ 2,772,000
Market Value of All Livestock	$ 7,622,000
Market Value of Nursery Products	$ 231,000
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	2,000	87	173.000	50
Soybeans, Bu.	400	26	10,200	69
Wheat, Bu.	700	26	18,000	48
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	120	1,915	230,000	54
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	14,500	2	27,000	43
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	21,000	43
Beef Cows (1/1/92)	10,500	34
Milk Cows (1/1/92)	2,700	25
All Hogs and Pigs (12/1/91)	8,000	25
Hogs and Pigs for Breeding (12/1/91)	1,200	23

* = None or no estimate available.

DAVIDSON COUNTY

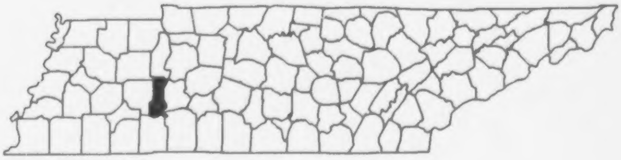


	1987 Census
Total Land in Farms	57,917
Average Farm Size	103
Average Value of Farm and Buildings	$ 229,569
Market Value of All Farm Products	$ 8,082,000
Market Value of All Crops	$ 4,192,000
Market Value of All Livestock	$ 3,890,000
Market Value of Nursery Products	$ 3,337,000
Average Age of Farmers	55

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	800	80	64,000	79
Soybeans, Bu.	1,000	27	27,000	52
Wheat, Bu.	400	29	11,500	62
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	52	1,750	91,000	61
Dark Fired Tobacco, Lbs.	46	1,610	74,000	10
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	12,800	2	21,500	49
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	13,000	60
Beef Cows (1/1/92)	6,500	57
Milk Cows (1/1/92)	400	63
All Hogs and Pigs (12/1/91)	1,000	73
Hogs and Pigs for Breeding (12/1/91)	200	69

DECATUR COUNTY



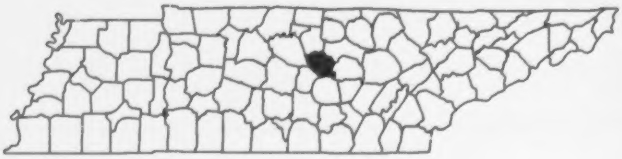
	1987 Census
Total Land in Farms	91,591
Average Farm Size	193
Average Value of Farm and Buildings	$ 93,374
Market Value of All Farm Products	$ 6,837,000
Market Value of All Crops	$ 947,000
Market Value of All Livestock	$ 5,890,000
Market Value of Nursery Products	*
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	4,300	76	325,000	34
Soybeans, Bu.	2,400	25	60,000	42
Wheat, Bu.	600	24	14,500	53
Grain Sorghum, Bu.	800	54	43,000	18
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	12,500	2	22,000	48
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	13,000	60
Beef Cows (1/1/92)	7,000	54
Milk Cows (1/1/92)	*	*
All Hogs and Pigs (12/1/91)	20,000	8
Hogs and Pigs for Breeding (12/1/91)	2,400	9

* = None or no estimate available.

DEKALB COUNTY

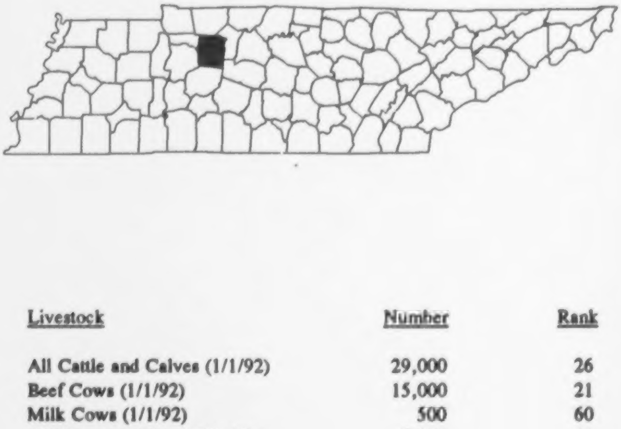


	1987 Census
Total Land in Farms	101,333
Average Farm Size	123
Average Value of Farm and Buildings	$ 113,981
Market Value of All Farm Products	$ 12,746
Market Value of All Crops	$ 8,054,000
Market Value of All Livestock	$ 4,692,000
Market Value of Nursery Products	$ 5,562,000
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	2,400	82	197,000	48
Soybeans, Bu.	4,600	28	130,000	36
Wheat, Bu.	1,200	23	28,000	42
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	750	1,825	1,370,000	26
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	14,700	2	29,000	39
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	18,000	49
Beef Cows (1/1/92)	9,000	43
Milk Cows (1/1/92)	1,800	34
All Hogs and Pigs (12/1/91)	3,000	54
Hogs and Pigs for Breeding (12/1/91)	400	60

DICKSON COUNTY



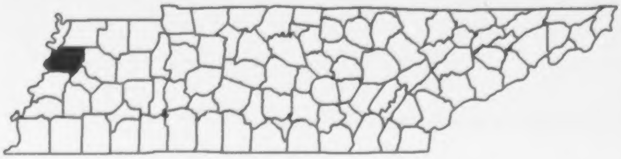
	1987 Census
Total Land in Farms	148,611
Average Farm Size	139
Average Value of Farm and Buildings	$ 120,788
Market Value of All Farm Products	$ 9,295,000
Market Value of All Crops	$ 2,760,000
Market Value of All Livestock	$ 6,534,000
Market Value of Nursery Products	64,000
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,100	87	96,000	65
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	400	23	9,000	65
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	185	1,820	337,000	48
Dark Fired Tobacco, Lbs.	653	1,915	1,252,000	4
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	900	3	2,600	38
All Other Hay, Tons	19,400	2	34,000	31
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	29,000	26
Beef Cows (1/1/92)	15,000	21
Milk Cows (1/1/92)	500	60
All Hogs and Pigs (12/1/91)	5,000	39
Hogs and Pigs for Breeding (12/1/91)	1,000	28

* = None or no estimate available.

DYER COUNTY

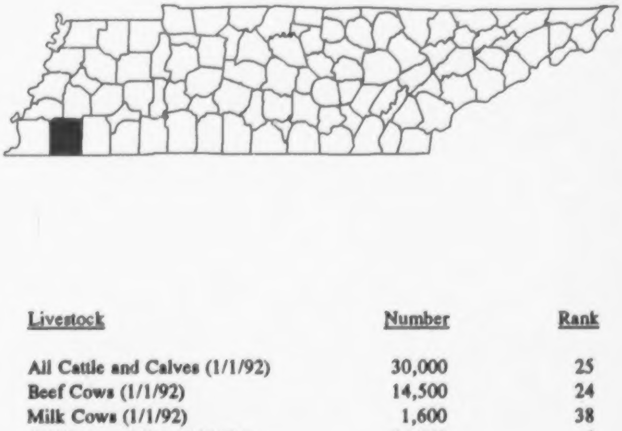


	1987 Census
Total Land in Farms	235,347
Average Farm Size	390
Average Value of Farm and Buildings	$ 286,973
Market Value of All Farm Products	$ 33,695,000
Market Value of All Crops	$ 29,408,000
Market Value of All Livestock	$ 4,287,000
Market Value of Nursery Products	*
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	13,000	94	1,224,000	10
Soybeans, Bu.	128,000	31	3,960,000	1
Wheat, Bu.	33,000	17	570,000	3
Grain Sorghum, Bu.	14,100	68	955,000	1
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	900	4	3,800	27
All Other Hay, Tons	7,100	2	11,000	72
Cotton	34,900	557	40,500	8

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	13,000	60
Beef Cows (1/1/92)	6,000	62
Milk Cows (1/1/92)	200	76
All Hogs and Pigs (12/1/91)	6,000	31
Hogs and Pigs for Breeding (12/1/91)	700	46

FAYETTE COUNTY



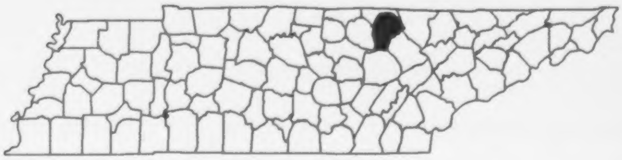
	1987 Census
Total Land in Farms	270,536
Average Farm Size	354
Average Value of Farm and Buildings	$ 281,354
Market Value of All Farm Products	$ 51,754,000
Market Value of All Crops	$ 23,651,000
Market Value of All Livestock	$ 28,103,000
Market Value of Nursery Products	846,000
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	8,100	68	550,000	18
Soybeans, Bu.	43,400	25	1,085,000	10
Wheat, Bu.	5,500	24	130,000	20
Grain Sorghum, Bu.	4,700	67	315,000	4
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	18,500	2	33,000	33
Cotton	47,000	531	52,000	7

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	30,000	25
Beef Cows (1/1/92)	14,500	24
Milk Cows (1/1/92)	1,600	38
All Hogs and Pigs (12/1/91)	26,000	5
Hogs and Pigs for Breeding (12/1/91)	3,100	4

* = None or no estimate available.

FENTRESS COUNTY

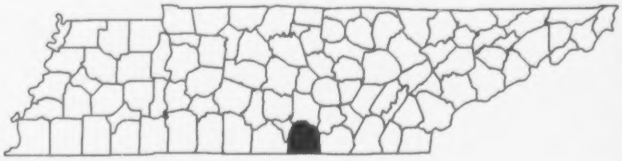


	1987 Census
Total Land in Farms	78,611
Average Farm Size	173
Average Value of Farm and Buildings	$ 126,562
Market Value of All Farm Products	$ 15,600,000
Market Value of All Crops	$ 2,071,000
Market Value of All Livestock	$ 13,529,000
Market Value of Nursery Products	*
Average Age of Farmers	51

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	3,800	87	330,000	32
Soybeans, Bu.	900	28	25,500	55
Wheat, Bu.	*	*	*	*
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	274	1,935	530,000	41
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	10,500	2	20,000	52
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	14,000	56
Beef Cows (1/1/92)	5,500	68
Milk Cows (1/1/92)	800	51
All Hogs and Pigs (12/1/91)	3,000	54
Hogs and Pigs for Breeding (12/1/91)	800	41

FRANKLIN COUNTY



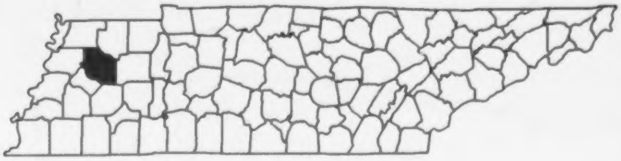
	1987 Census
Total Land in Farms	152,578
Average Farm Size	136
Average Value of Farm and Buildings	$ 151,590
Market Value of All Farm Products	$ 34,876,000
Market Value of All Crops	$ 12,121,000
Market Value of All Livestock	$ 22,755,000
Market Value of Nursery Products	5,662,000
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	15,800	103	1,620,000	6
Soybeans, Bu.	18,400	25	460,000	15
Wheat, Bu.	6,500	29	190,000	12
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	139	1,690	235,000	53
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	2,600	5	12,200	2
All Other Hay, Tons	17,000	2	35,000	30
Cotton	2,750	656	3,760	15

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	35,000	21
Beef Cows (1/1/92)	10,000	37
Milk Cows (1/1/92)	4,100	17
All Hogs and Pigs (12/1/91)	26,000	5
Hogs and Pigs for Breeding (12/1/91)	3,400	3

* = None or no estimate available.

GIBSON COUNTY

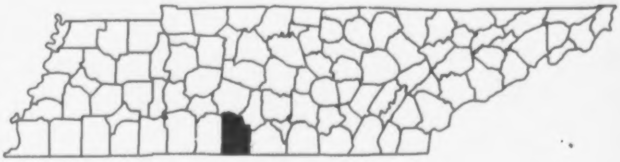


	1987 Census
Total Land in Farms	280,153
Average Farm Size	265
Average Value of Farm and Buildings	$ 180,101
Market Value of All Farm Products	$ 48,272,000
Market Value of All Crops	$ 34,838,000
Market Value of All Livestock	$ 13,435,000
Market Value of Nursery Products	167,000
Average Age of Farmers	51

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	40,000	74	2,960,000	3
Soybeans, Bu.	70,600	33	2,315,000	4
Wheat, Bu.	24,500	22	530,000	4
Grain Sorghum, Bu.	7,800	69	535,000	2
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	500	3	1,500	47
All Other Hay, Tons	12,500	2	26,500	45
Cotton	62,000	534	69,000	4

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	26,000	34
Beef Cows (1/1/92)	12,000	27
Milk Cows (1/1/92)	1,000	45
All Hogs and Pigs (12/1/91)	27,000	4
Hogs and Pigs for Breeding (12/1/91)	2,200	10

GILES COUNTY



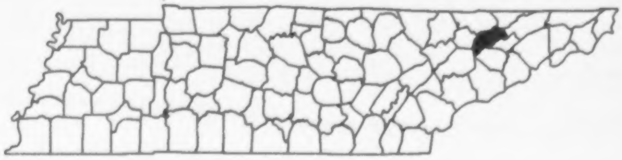
	1987 Census
Total Land in Farms	262,925
Average Farm Size	170
Average Value of Farm and Buildings	$ 135,406
Market Value of All Farm Products	$ 25,848,000
Market Value of All Crops	$ 2,619,000
Market Value of All Livestock	$ 23,229,000
Market Value of Nursery Products	*
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	8,600	96	825,000	14
Soybeans, Bu.	5,400	32	172,000	30
Wheat, Bu.	2,500	28	70,000	26
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	310	1,825	565,000	40
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	1,400	3	4,000	24
All Other Hay, Tons	44,000	2	79,000	4
Cotton	1,000	682	1,420	23

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	70,000	4
Beef Cows (1/1/92)	29,000	2
Milk Cows (1/1/92)	5,900	9
All Hogs and Pigs (12/1/91)	16,000	13
Hogs and Pigs for Breeding (12/1/91)	2,600	8

* = None or no estimate available.

GRAINGER COUNTY

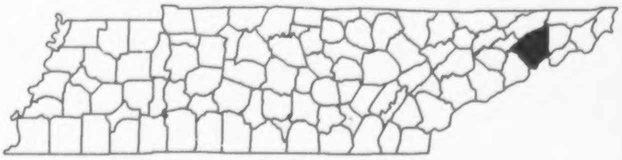


	1987 Census
Total Land in Farms	108,212
Average Farm Size	89
Average Value of Farm and Buildings	$ 91,657
Market Value of All Farm Products	$ 9,991,000
Market Value of All Crops	$ 4,053,000
Market Value of All Livestock	$ 5,938,000
Market Value of Nursery Products	47,000
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,000	110	110,000	60
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	1,100	32	35,000	38
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	1,790	1,800	3,220,000	9
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	1,300	3	4,400	21
All Other Hay, Tons	16,500	2	32,000	35
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	27,500	31
Beef Cows (1/1/92)	12,000	27
Milk Cows (1/1/92)	1,500	40
All Hogs and Pigs (12/1/91)	300	89
Hogs and Pigs for Breeding (12/1/91)	100	88

GREENE COUNTY



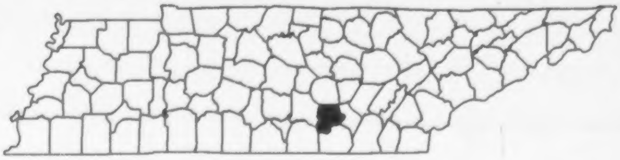
	1987 Census
Total Land in Farms	264,097
Average Farm Size	74
Average Value of Farm and Buildings	$ 95,009
Market Value of All Farm Products	$ 42,233,000
Market Value of All Crops	$ 12,395,000
Market Value of All Livestock	$ 29,838,000
Market Value of Nursery Products	*
Average Age of Farmers	55

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	3,200	99	317,000	35
Soybeans, Bu.	700	28	19,600	60
Wheat, Bu.	1,200	32	38,000	35
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	5,735	2,000	11,460,000	1
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	4,300	4	18,200	1
All Other Hay, Tons	59,000	2	127,000	1
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	82,000	1
Beef Cows (1/1/92)	27,000	4
Milk Cows (1/1/92)	13,900	1
All Hogs and Pigs (12/1/91)	2,500	60
Hogs and Pigs for Breeding (12/1/91)	300	64

* = None or no estimate available.

GRUNDY COUNTY

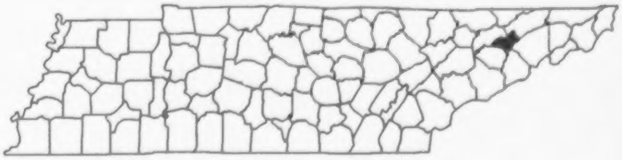


	1987 Census
Total Land in Farms	37,501
Average Farm Size	113
Average Value of Farm and Buildings	$ 91,575
Market Value of All Farm Products	$ 21,263,000
Market Value of All Crops	$ 3,873,000
Market Value of All Livestock	$ 17,390,000
Market Value of Nursery Products	2,897,000
Average Age of Farmers	52

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	2,300	111	255,000	41
Soybeans, Bu.	1,900	28	53,000	44
Wheat, Bu.	600	29	17,500	49
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	800	3	2,500	40
All Other Hay, Tons	5,300	2	9,500	75
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	8,000	83
Beef Cows (1/1/92)	3,000	86
Milk Cows (1/1/92)	800	51
All Hogs and Pigs (12/1/91)	4,000	46
Hogs and Pigs for Breeding (12/1/91)	500	51

HAMBLEN COUNTY



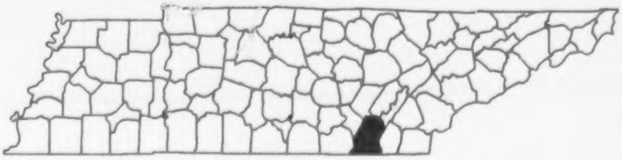
	1987 Census
Total Land in Farms	58,434
Average Farm Size	69
Average Value of Farm and Buildings	$ 112,133
Market Value of All Farm Products	$ 9,481,000
Market Value of All Crops	$ 2,992,000
Market Value of All Livestock	$ 6,488,000
Market Value of Nursery Products	*
Average Age of Farmers	56

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,000	95	95,000	66
Soybeans, Bu.	500	39	19,700	59
Wheat, Bu.	500	38	19,000	47
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	950	1,765	1,675,000	22
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	1,100	4	3,800	26
All Other Hay, Tons	12,600	2	28,000	43
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	23,000	40
Beef Cows (1/1/92)	8,000	47
Milk Cows (1/1/92)	1,700	35
All Hogs and Pigs (12/1/91)	3,100	53
Hogs and Pigs for Breeding (12/1/91)	400	60

* = None or no estimate available.

HAMILTON COUNTY

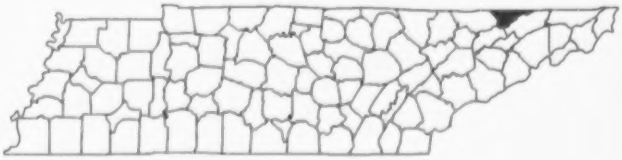


	1987 Census
Total Land in Farms	57,708
Average Farm Size	98
Average Value of Farm and Buildings	$ 156,092
Market Value of All Farm Products	$ 11,792,000
Market Value of All Crops	$ 2,349,000
Market Value of All Livestock	$ 9,443,000
Market Value of Nursery Products	$ 1,701,000
Average Age of Farmers	55

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	700	80	56,000	82
Soybeans, Bu.	600	27	16,000	62
Wheat, Bu.	500	29	14,500	55
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	8,800	2	18,000	59
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	13,500	59
Beef Cows (1/1/92)	5,500	68
Milk Cows (1/1/92)	1,200	44
All Hogs and Pigs (12/1/91)	2,500	60
Hogs and Pigs for Breeding (12/1/91)	500	51

HANCOCK COUNTY



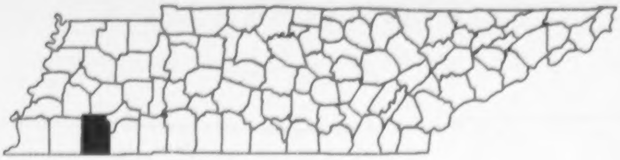
	1987 Census
Total Land in Farms	76,724
Average Farm Size	101
Average Value of Farm and Buildings	$ 82,913
Market Value of All Farm Products	$ 5,767,000
Market Value of All Crops	$ 2,840,000
Market Value of All Livestock	$ 2,927,000
Market Value of Nursery Products	*
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	300	90	27,000	90
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	*	*	*	*
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	1,280	2,005	2,565,000	15
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	6,500	2	14,500	65
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	14,000	56
Beef Cows (1/1/92)	6,500	57
Milk Cows (1/1/92)	300	67
All Hogs and Pigs (12/1/91)	1,000	73
Hogs and Pigs for Breeding (12/1/91)	200	69

* = None or no estimate available.

HARDEMAN COUNTY

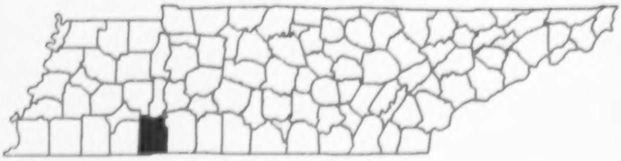


	1987 Census
Total Land in Farms	187,313
Average Farm Size	384
Average Value of Farm and Buildings	$ 185,133
Market Value of All Farm Products	$ 15,839,000
Market Value of All Crops	$ 9,789,000
Market Value of All Livestock	$ 6,050,000
Market Value of Nursery Products	*
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	6,200	56	345,000	28
Soybeans, Bu.	13,800	27	375,000	22
Wheat, Bu.	3,400	21	70,000	24
Grain Sorghum, Bu.	2,900	49	141,000	7
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	13,000	2	21,000	50
Cotton	21,400	493	22,000	10

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	16,000	52
Beef Cows (1/1/92)	9,500	41
Milk Cows (1/1/92)	300	67
All Hogs and Pigs (12/1/91)	7,000	28
Hogs and Pigs for Breeding (12/1/91)	1,000	28

HARDIN COUNTY



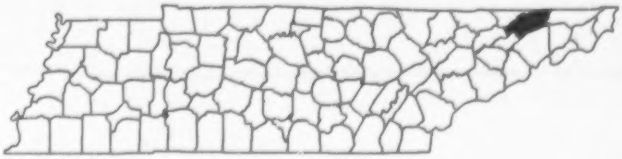
	1987 Census
Total Land in Farms	121,098
Average Farm Size	212
Average Value of Farm and Buildings	$ 142,452
Market Value of All Farm Products	$ 10,543,000
Market Value of All Crops	$ 4,170,000
Market Value of All Livestock	$ 6,373,000
Market Value of Nursery Products	*
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	4,700	70	330,000	31
Soybeans, Bu.	17,500	25	435,000	17
Wheat, Bu.	2,100	21	44,000	34
Grain Sorghum, Bu.	900	60	54,000	16
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	10,500	2	16,500	61
Cotton	585	501	610	26

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	12,500	65
Beef Cows (1/1/92)	6,500	57
Milk Cows (1/1/92)	100	80
All Hogs and Pigs (12/1/91)	17,000	11
Hogs and Pigs for Breeding (12/1/91)	1,700	16

* = None or no estimate available.

HAWKINS COUNTY

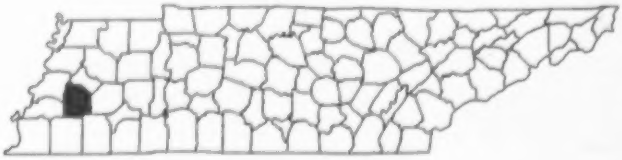


	1987 Census
Total Land in Farms	167,866
Average Farm Size	85
Average Value of Farm and Buildings	$ 98,114
Market Value of All Farm Products	$ 13,486,000
Market Value of All Crops	$ 6,322,000
Market Value of All Livestock	$ 7,165,000
Market Value of Nursery Products	$ 548,000
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,500	95	143,000	54
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	175	31	5,500	71
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	2,660	1,800	4,785,000	6
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	1,400	4	4,900	18
All Other Hay, Tons	23,000	2	53,000	18
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	37,000	20
Beef Cows (1/1/92)	16,500	16
Milk Cows (1/1/92)	1,700	35
All Hogs and Pigs (12/1/91)	1,000	73
Hogs and Pigs for Breeding (12/1/91)	100	85

HAYWOOD COUNTY



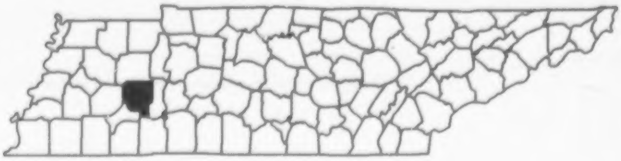
	1987 Census
Total Land in Farms	222,142
Average Farm Size	422
Average Value of Farm and Buildings	$ 339,651
Market Value of All Farm Products	$ 46,564,000
Market Value of All Crops	$ 41,770,000
Market Value of All Livestock	$ 4,794,000
Market Value of Nursery Products	*
Average Age of Farmers	52

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	4,600	77	355,000	27
Soybeans, Bu.	42,300	27	1,125,000	9
Wheat, Bu.	5,300	26	140,000	16
Grain Sorghum, Bu.	4,300	71	304,000	5
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	4,000	2	6,400	81
Cotton	105,000	553	121,000	1

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	5,500	93
Beef Cows (1/1/92)	3,000	86
Milk Cows (1/1/92)	*	*
All Hogs and Pigs (12/1/91)	4,000	46
Hogs and Pigs for Breeding (12/1/91)	500	51

* = None or no estimate available.

HENDERSON COUNTY

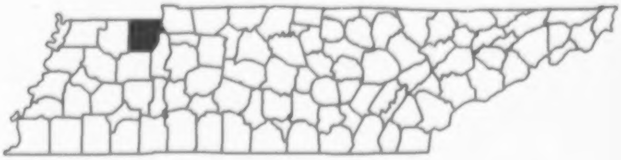


	1987 Census
Total Land in Farms	163,685
Average Farm Size	193
Average Value of Farm and Buildings	$ 123,776
Market Value of All Farm Products	$ 20,052,000
Market Value of All Crops	$ 4,792,000
Market Value of All Livestock	$ 15,261,000
Market Value of Nursery Products	*
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	11,500	75	860,000	12
Soybeans, Bu.	10,400	28	290,000	23
Wheat, Bu.	1,100	23	25,000	45
Grain Sorghum, Bu.	1,400	53	74,000	14
Burley Tobacco, Lbs.	145	1,795	260,000	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	18,500	2	31,000	38
Cotton	2,035	554	2,350	19

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	25,000	37
Beef Cows (1/1/92)	10,500	34
Milk Cows (1/1/92)	100	80
All Hogs and Pigs (12/1/91)	35,000	2
Hogs and Pigs for Breeding (12/1/91)	3,700	2

HENRY COUNTY



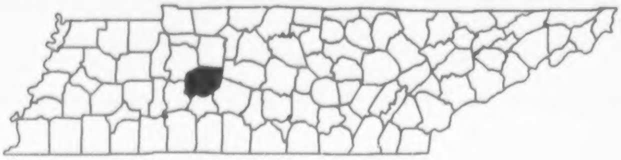
	1987 Census
Total Land in Farms	186,659
Average Farm Size	232
Average Value of Farm and Buildings	$ 152,358
Market Value of All Farm Products	$ 23,042,000
Market Value of All Crops	$ 9,327,000
Market Value of All Livestock	$ 13,715,000
Market Value of Nursery Products	$ 55,000
Average Age of Farmers	52

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	26,600	96	2,560,000	4
Soybeans, Bu.	27,800	30	840,000	11
Wheat, Bu.	14,000	21	290,000	8
Grain Sorghum, Bu.	200	50	10,000	28
Burley Tobacco, Lbs.	145	1,795	260,000	51
Dark Fired Tobacco, Lbs.	425	2,205	936,500	5
Dark Air-Cured Tobacco, Lbs.	7	2,430	17,000	6
Alfalfa Hay, Tons	1,700	3	5,600	15
All Other Hay, Tons	16,000	2	33,000	34
Cotton	930	568	1,100	25

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	27,000	32
Beef Cows (1/1/92)	11,500	29
Milk Cows (1/1/92)	2,900	23
All Hogs and Pigs (12/1/91)	18,000	10
Hogs and Pigs for Breeding (12/1/91)	1,800	13

* = None or no estimate available.

HICKMAN COUNTY

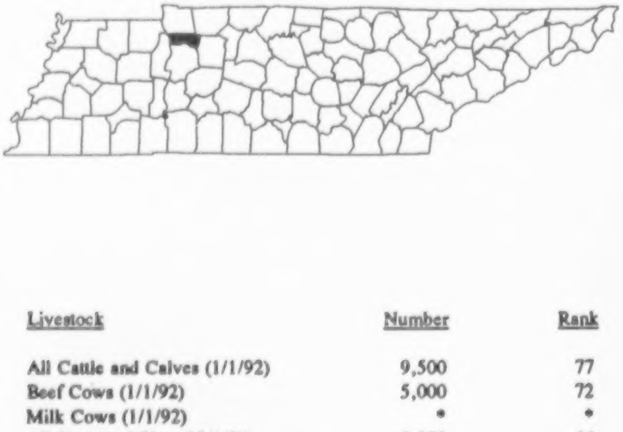


	1987 Census
Total Land in Farms	129,661
Average Farm Size	199
Average Value of Farm and Buildings	$ 128,663
Market Value of All Farm Products	$ 8,257,000
Market Value of All Crops	$ 1,504,000
Market Value of All Livestock	$ 6,753,000
Market Value of Nursery Products	*
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	3,000	78	233,000	42
Soybeans, Bu.	2,400	27	65,000	39
Wheat, Bu.	1,000	29	29,000	41
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	115	1,705	196,000	55
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	16,500	2	29,000	40
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	21,000	43
Beef Cows (1/1/92)	10,000	37
Milk Cows (1/1/92)	200	76
All Hogs and Pigs (12/1/91)	13,000	15
Hogs and Pigs for Breeding (12/1/91)	1,600	17

HOUSTON COUNTY



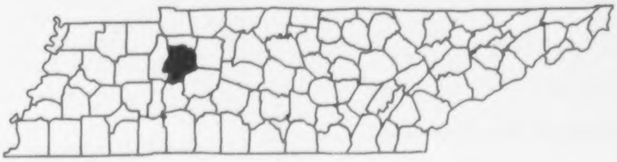
	1987 Census
Total Land in Farms	45,691
Average Farm Size	186
Average Value of Farm and Buildings	$ 114,245
Market Value of All Farm Products	$ 2,562,000
Market Value of All Crops	$ 552,000
Market Value of All Livestock	$ 2,009,000
Market Value of Nursery Products	*
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	600	85	51,000	83
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	*	*	*	*
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	70	1,670	117,000	60
Dark Fired Tobacco, Lbs.	101	2,020	204,000	7
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	5,700	2	9,000	77
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	9,500	77
Beef Cows (1/1/92)	5,000	72
Milk Cows (1/1/92)	*	*
All Hogs and Pigs (12/1/91)	2,000	64
Hogs and Pigs for Breeding (12/1/91)	300	64

* = None or no estimate available.

HUMPHREYS COUNTY

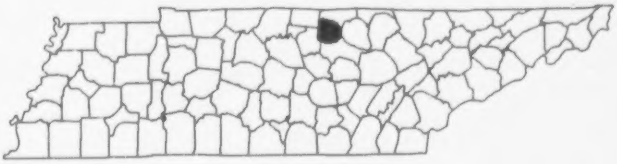


	1987 Census
Total Land in Farms	120,570
Average Farm Size	238
Average Value of Farm and Buildings	$ 146,881
Market Value of All Farm Products	$ 7,579,000
Market Value of All Crops	$ 1,921,000
Market Value of All Livestock	$ 5,658,000
Market Value of Nursery Products	*
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	5,200	79	410,000	26
Soybeans, Bu.	5,200	26	135,000	34
Wheat, Bu.	300	25	7,500	67
Grain Sorghum, Bu.	600	50	29,700	22
Burley Tobacco, Lbs.	15	1,865	28,000	66
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	11,000	2	20,000	*
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	17,000	51
Beef Cows (1/1/92)	7,500	52
Milk Cows (1/1/92)	600	55
All Hogs and Pigs (12/1/91)	9,000	23
Hogs and Pigs for Breeding (12/1/91)	900	35

JACKSON COUNTY



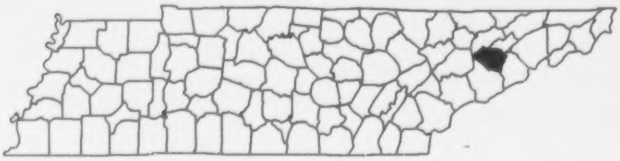
	1987 Census
Total Land in Farms	98,512
Average Farm Size	135
Average Value of Farm and Buildings	$ 86,111
Market Value of All Farm Products	$ 4,739,000
Market Value of All Crops	$ 2,063,000
Market Value of All Livestock	$ 2,676,000
Market Value of Nursery Products	*
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	900	76	68,000	76
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	*	*	*	*
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	940	1,955	1,840,000	20
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	11,000	2	18,500	55
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	13,000	60
Beef Cows (1/1/92)	7,000	54
Milk Cows (1/1/92)	300	67
All Hogs and Pigs (12/1/91)	1,500	69
Hogs and Pigs for Breeding (12/1/91)	400	60

* = None or no estimate available.

JEFFERSON COUNTY

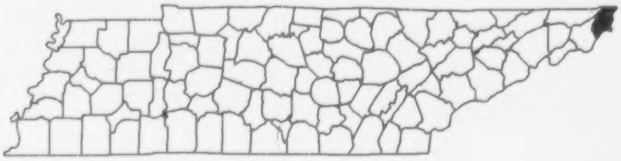


	1987 Census
Total Land in Farms	109,592
Average Farm Size	83
Average Value of Farm and Buildings	$ 116,181
Market Value of All Farm Products	$ 16,670,000
Market Value of All Crops	$ 3,847,000
Market Value of All Livestock	$ 12,824,000
Market Value of Nursery Products	*
Average Age of Farmers	55

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,800	111	200,000	47
Soybeans, Bu.	500	30	15,200	65
Wheat, Bu.	600	37	22,000	46
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	1,260	2,100	2,644,000	13
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	3,100	3	10,500	5
All Other Hay, Tons	25,500	2	55,000	17
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	41,000	15
Beef Cows (1/1/92)	16,000	17
Milk Cows (1/1/92)	3,400	20
All Hogs and Pigs (12/1/91)	2,300	62
Hogs and Pigs for Breeding (12/1/91)	500	51

JOHNSON COUNTY



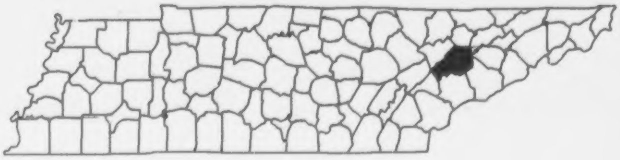
	1987 Census
Total Land in Farms	62,446
Average Farm Size	70
Average Value of Farm and Buildings	$ 72,508
Market Value of All Farm Products	$ 6,163,000
Market Value of All Crops	$ 2,881,000
Market Value of All Livestock	$ 3,282,000
Market Value of Nursery Products	160,000
Average Age of Farmers	55

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,000	109	109,000	61
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	*	*	*	*
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	1,355	2,135	2,895,000	11
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	1,000	3	3,300	31
All Other Hay, Tons	8,000	2	18,000	60
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	14,000	56
Beef Cows (1/1/92)	5,000	72
Milk Cows (1/1/92)	900	49
All Hogs and Pigs (12/1/91)	200	93
Hogs and Pigs for Breeding (12/1/91)	100	85

* = None or no estimate available.

KNOX COUNTY

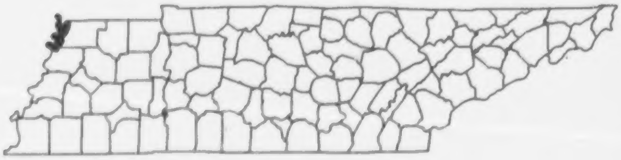


	1987 Census
Total Land in Farms	94,701
Average Farm Size	76
Average Value of Farm and Buildings	$ 175,590
Market Value of All Farm Products	$ 11,382,000
Market Value of All Crops	$ 4,393,000
Market Value of All Livestock	$ 6,989,000
Market Value of Nursery Products	$ 2,665
Average Age of Farmers	56

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	700	99	69,000	75
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	150	40	6,000	69
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	285	1,825	520,000	42
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	1,000	3	3,000	34
All Other Hay, Tons	18,500	3	46,000	23
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	29,000	26
Beef Cows (1/1/92)	13,500	26
Milk Cows (1/1/92)	1,300	42
All Hogs and Pigs (12/1/91)	1,600	68
Hogs and Pigs for Breeding (12/1/91)	200	69

LAKE COUNTY



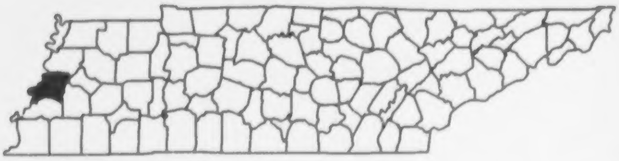
	1987 Census
Total Land in Farms	91,981
Average Farm Size	1,082
Average Value of Farm and Buildings	$ 954,576
Market Value of All Farm Products	$ 14,704,000
Market Value of All Crops	*
Market Value of All Livestock	*
Market Value of Nursery Products	*
Average Age of Farmers	52

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	12,900	104	1,340,000	17
Soybeans, Bu.	57,000	30	1,710,000	7
Wheat, Bu.	10,500	16	170,000	13
Grain Sorghum, Bu.	1,400	71	100,000	11
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	900	3	2,300	85
Cotton	12,500	599	15,600	12

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	*	*
Beef Cows (1/1/92)	*	*
Milk Cows (1/1/92)	*	*
All Hogs and Pigs (12/1/91)	*	*
Hogs and Pigs for Breeding (12/1/91)	*	*

* = None or no estimate available.

LAUDERDALE COUNTY

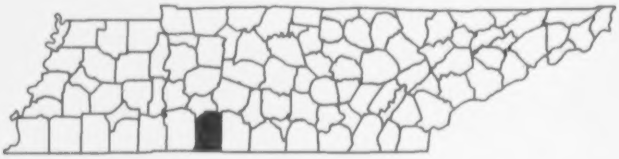


	1987 Census
Total Land in Farms	197,507
Average Farm Size	345
Average Value of Farm and Buildings	$ 242,032
Market Value of All Farm Products	$ 30,881,000
Market Value of All Crops	$ 27,183,000
Market Value of All Livestock	$ 3,699,000
Market Value of Nursery Products	*
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	7,100	92	650,000	17
Soybeans, Bu.	83,000	31	2,570,000	3
Wheat, Bu.	16,000	18	290,000	7
Grain Sorghum, Bu.	1,500	72	108,000	10
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	600	4	2,100	43
All Other Hay, Tons	2,900	2	6,000	83
Cotton	49,200	566	58,000	5

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	12,000	67
Beef Cows (1/1/92)	6,000	62
Milk Cows (1/1/92)	200	76
All Hogs and Pigs (12/1/91)	5,000	39
Hogs and Pigs for Breeding (12/1/91)	900	35

LAWRENCE COUNTY



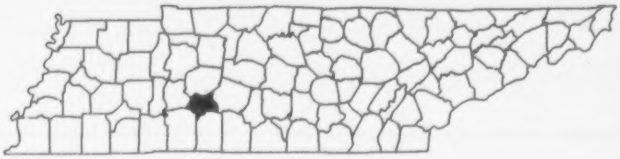
	1987 Census
Total Land in Farms	201,440
Average Farm Size	141
Average Value of Farm and Buildings	$ 119,076
Market Value of All Farm Products	$ 24,056,000
Market Value of All Crops	$ 5,455,000
Market Value of All Livestock	$ 18,600
Market Value of Nursery Products	*
Average Age of Farmers	52

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	9,400	74	695,000	16
Soybeans, Bu.	8,500	25	210,000	26
Wheat, Bu.	4,100	28	115,000	22
Grain Sorghum, Bu.	700	57	39,600	19
Burley Tobacco, Lbs.	255	1,755	448,000	44
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	1,000	4	3,600	28
All Other Hay, Tons	29,100	2	52,000	19
Cotton	1,375	653	1,870	20

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	49,000	11
Beef Cows (1/1/92)	19,000	11
Milk Cows (1/1/92)	5,700	10
All Hogs and Pigs (12/1/91)	20,000	8
Hogs and Pigs for Breeding (12/1/91)	3,100	4

* = None or no estimate available.

LEWIS COUNTY

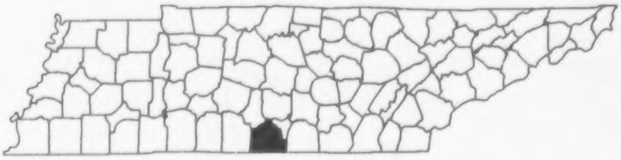


	1987 Census
Total Land in Farms	38,189
Average Farm Size	171
Average Value of Farm and Buildings	$ 127,395
Market Value of All Farm Products	$ 1,773,000
Market Value of All Crops	$ 300,000
Market Value of All Livestock	$ 1,473,000
Market Value of Nursery Products	*
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	400	70	28,000	89
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	*	*	*	*
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	30	1,665	50,000	65
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	3,500	2	6,200	82
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	6,500	91
Beef Cows (1/1/92)	4,000	78
Milk Cows (1/1/92)	100	80
All Hogs and Pigs (12/1/91)	3,000	54
Hogs and Pigs for Breeding (12/1/91)	300	64

LINCOLN COUNTY



	1987 Census
Total Land in Farms	279,482
Average Farm Size	172
Average Value of Farm and Buildings	$ 140,281
Market Value of All Farm Products	$ 32,584,000
Market Value of All Crops	$ 7,121,000
Market Value of All Livestock	$ 25,463,000
Market Value of Nursery Products	$ 24,000
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	10,500	81	855,000	13
Soybeans, Bu.	14,800	28	415,000	20
Wheat, Bu.	7,500	27	200,000	10
Grain Sorghum, Bu.	480	70	33,400	21
Burley Tobacco, Lbs.	560	1,695	950,000	33
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	1,200	3	3,500	29
All Other Hay, Tons	50,000	2	93,000	3
Cotton	2,900	536	3,240	16

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	71,000	3
Beef Cows (1/1/92)	29,000	2
Milk Cows (1/1/92)	8,000	4
All Hogs and Pigs (12/1/91)	12,000	16
Hogs and Pigs for Breeding (12/1/91)	1,900	12

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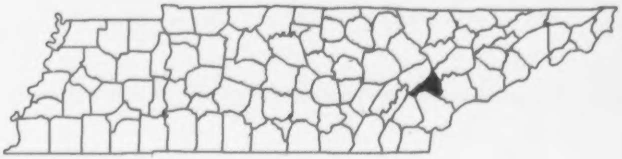
* = None or no estimate available.

LOUDON COUNTY

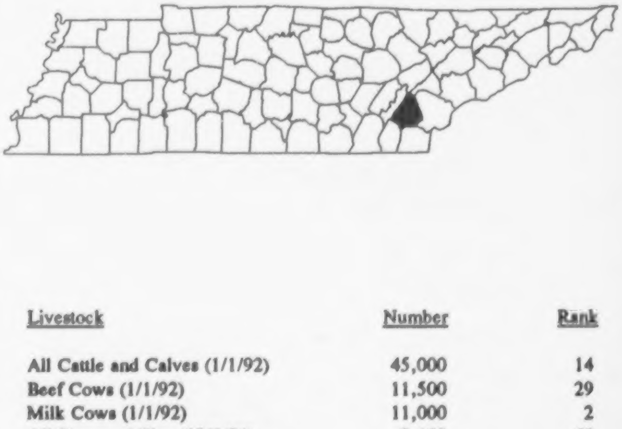


	1987 Census
Total Land in Farms	77,665
Average Farm Size	102
Average Value of Farm and Buildings	$ 151,299
Market Value of All Farm Products	$ 31,486,000
Market Value of All Crops	*
Market Value of All Livestock	*
Market Value of Nursery Products	*
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	900	100	90,000	70
Soybeans, Bu.	800	31	25,100	56
Wheat, Bu.	400	25	10,000	64
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	365	2,015	735,000	35
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	1,000	4	4,200	23
All Other Hay, Tons	22,500	2	44,000	24
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	25,000	37
Beef Cows (1/1/92)	8,500	45
Milk Cows (1/1/92)	3,600	19
All Hogs and Pigs (12/1/91)	500	84
Hogs and Pigs for Breeding (12/1/91)	200	69

McMINN COUNTY



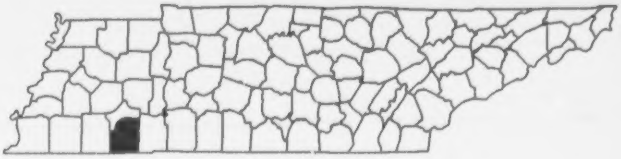
	1987 Census
Total Land in Farms	137,843
Average Farm Size	128
Average Value of Farm and Buildings	$ 138,580
Market Value of All Farm Products	$ 32,471,000
Market Value of All Crops	$ 2,288,000
Market Value of All Livestock	$ 30,183,000
Market Value of Nursery Products	$ 217,000
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,000	100	100,000	63
Soybeans, Bu.	1,000	35	35,000	51
Wheat, Bu.	1,500	37	56,000	29
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	590	1,820	1,075,000	31
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	2,000	4	7,600	9
All Other Hay, Tons	29,000	2	61,500	14
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	45,000	14
Beef Cows (1/1/92)	11,500	29
Milk Cows (1/1/92)	11,000	2
All Hogs and Pigs (12/1/91)	2,100	63
Hogs and Pigs for Breeding (12/1/91)	300	64

* = None or no estimate available.

McNAIRY COUNTY

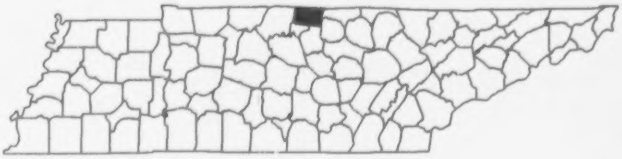


	1987 Census
Total Land in Farms	149,769
Average Farm Size	209
Average Value of Farm and Buildings	$ 138,761
Market Value of All Farm Products	$ 17,137,000
Market Value of All Crops	$ 6,661,000
Market Value of All Livestock	$ 10,476,000
Market Value of Nursery Products	*
Average Age of Farmers	52

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	7,100	75	530,000	20
Soybeans, Bu.	23,000	31	715,000	13
Wheat, Bu.	700	19	13,500	56
Grain Sorghum, Bu.	1,300	55	72,000	15
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	8,500	2	15,000	63
Cotton	2,150	574	2,570	17

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	10,000	73
Beef Cows (1/1/92)	6,000	62
Milk Cows (1/1/92)	*	*
All Hogs and Pigs (12/1/91)	25,000	7
Hogs and Pigs for Breeding (12/1/91)	3,000	6

MACON COUNTY



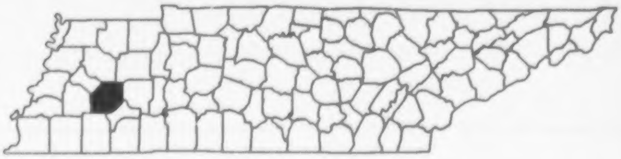
	1987 Census
Total Land in Farms	125,148
Average Farm Size	101
Average Value of Farm and Buildings	$ 71,592
Market Value of All Farm Products	$ 9,527,000
Market Value of All Crops	$ 4,723,000
Market Value of All Livestock	$ 4,804,000
Market Value of Nursery Products	*
Average Age of Farmers	52

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	3,000	88	265,000	39
Soybeans, Bu.	3,300	30	100,000	38
Wheat, Bu.	1,100	28	31,000	39
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	2,780	2,100	5,840,000	3
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	20	1,900	38,000	4
Alfalfa Hay, Tons	500	2	1,200	49
All Other Hay, Tons	16,800	2	28,000	41
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	19,000	46
Beef Cows (1/1/92)	9,500	41
Milk Cows (1/1/92)	600	55
All Hogs and Pigs (12/1/91)	5,000	39
Hogs and Pigs for Breeding (12/1/91)	1,000	28

* = None or no estimate available.

MADISON COUNTY

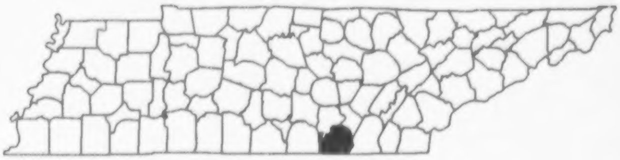


	1987 Census
Total Land in Farms	160,384
Average Farm Size	261
Average Value of Farm and Buildings	$ 212,954
Market Value of All Farm Products	$ 23,084,000
Market Value of All Crops	$ 19,480,000
Market Value of All Livestock	$ 3,604,000
Market Value of Nursery Products	$ 270,000
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	6,900	64	445,000	24
Soybeans, Bu.	18,000	24	430,000	18
Wheat, Bu.	2,600	22	57,000	28
Grain Sorghum, Bu.	500	50	25,000	24
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	9,000	2	14,000	66
Cotton	51,300	539	57,600	6

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	13,000	60
Beef Cows (1/1/92)	6,500	57
Milk Cows (1/1/92)	400	63
All Hogs and Pigs (12/1/91)	10,000	20
Hogs and Pigs for Breeding (12/1/91)	1,100	25

MARION COUNTY



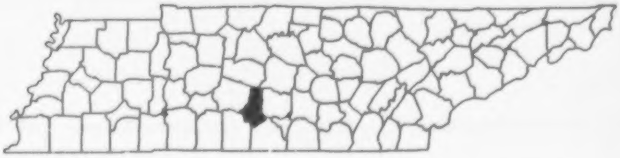
	1987 Census
Total Land in Farms	56,177
Average Farm Size	181
Average Value of Farm and Buildings	$ 188,026
Market Value of All Farm Products	$ 5,835,000
Market Value of All Crops	$ 1,307,000
Market Value of All Livestock	$ 4,528,000
Market Value of Nursery Products	*
Average Age of Farmers	52

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	3,200	97	310,000	36
Soybeans, Bu.	5,900	24	139,000	33
Wheat, Bu.	1,200	21	25,000	44
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	5	1,780	8,900	70
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	9,000	2	17,000	59
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	9,000	80
Beef Cows (1/1/92)	3,500	84
Milk Cows (1/1/92)	600	55
All Hogs and Pigs (12/1/91)	4,000	46
Hogs and Pigs for Breeding (12/1/91)	600	49

* = None or no estimate available.

MARSHALL COUNTY

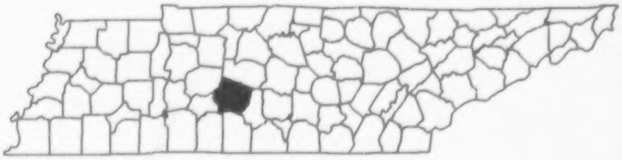


	1987 Census
Total Land in Farms	173,473
Average Farm Size	171
Average Value of Farm and Buildings	$ 163,817
Market Value of All Farm Products	$ 20,997,000
Market Value of All Crops	$ 1,559,000
Market Value of All Livestock	$ 19,438,000
Market Value of Nursery Products	*
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	2,400	88	210,000	45
Soybeans, Bu.	1,000	26	26,000	53
Wheat, Bu.	2,100	25	53,000	31
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	385	1,780	685,000	37
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	2,300	3	7,200	13
All Other Hay, Tons	31,000	2	62,000	13
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	48,000	12
Beef Cows (1/1/92)	15,500	19
Milk Cows (1/1/92)	8,000	4
All Hogs and Pigs (12/1/91)	6,000	31
Hogs and Pigs for Breeding (12/1/91)	900	35

MAURY COUNTY



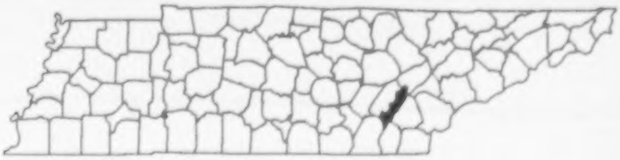
	1987 Census
Total Land in Farms	256,659
Average Farm Size	163
Average Value of Farm and Buildings	$ 199,801
Market Value of All Farm Products	$ 22,734,000
Market Value of All Crops	$ 5,353,000
Market Value of All Livestock	$ 17,381,000
Market Value of Nursery Products	*
Average Age of Farmers	55

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	5,000	92	460,000	22
Soybeans, Bu.	5,600	32	180,000	28
Wheat, Bu.	4,900	23	115,000	21
Grain Sorghum, Bu.	600	57	34,000	20
Burley Tobacco, Lbs.	1,355	1,700	2,305,000	17
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	2,600	3	7,500	10
All Other Hay, Tons	54,000	2	95,000	2
Cotton	1,360	406	1,150	24

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	72,000	2
Beef Cows (1/1/92)	35,000	1
Milk Cows (1/1/92)	5,000	14
All Hogs and Pigs (12/1/91)	6,000	31
Hogs and Pigs for Breeding (12/1/91)	1,100	25

* = None or no estimate available.

MEIGS COUNTY

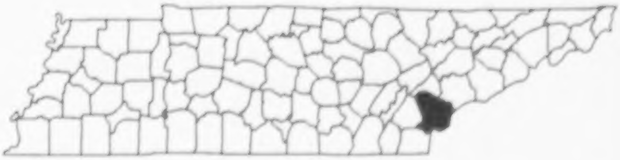


	1987 Census
Total Land in Farms	54,949
Average Farm Size	171
Average Value of Farm and Buildings	$ 171,894
Market Value of All Farm Products	$ 5,195,000
Market Value of All Crops	$ 1,400,000
Market Value of All Livestock	$ 3,795,000
Market Value of Nursery Products	$ *
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,000	93	93,000	69
Soybeans, Bu.	700	21	14,600	67
Wheat, Bu.	500	30	15,000	52
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	175	1,945	340,000	47
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	9,200	2	17,500	57
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	11,500	69
Beef Cows (1/1/92)	5,500	68
Milk Cows (1/1/92)	1,900	32
All Hogs and Pigs (12/1/91)	500	84
Hogs and Pigs for Breeding (12/1/91)	200	69

MONROE COUNTY



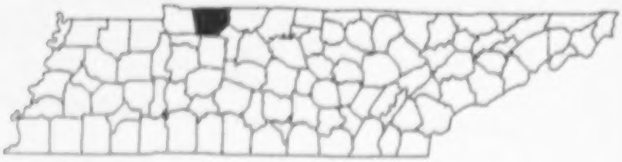
	1987 Census
Total Land in Farms	104,646
Average Farm Size	113
Average Value of Farm and Buildings	$ 136,174
Market Value of All Farm Products	$ 17,219,000
Market Value of All Crops	$ 2,883,000
Market Value of All Livestock	$ 14,337,000
Market Value of Nursery Products	*
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	3,500	94	330,000	33
Soybeans, Bu.	1,900	32	61,000	41
Wheat, Bu.	800	37	29,800	40
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	725	2,000	1,450,000	25
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	2,200	3	7,400	12
All Other Hay, Tons	21,000	2	39,000	27
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	35,000	21
Beef Cows (1/1/92)	8,000	47
Milk Cows (1/1/92)	5,700	10
All Hogs and Pigs (12/1/91)	1,500	69
Hogs and Pigs for Breeding (12/1/91)	200	69

* = None or no estimate available.

MONTGOMERY COUNTY

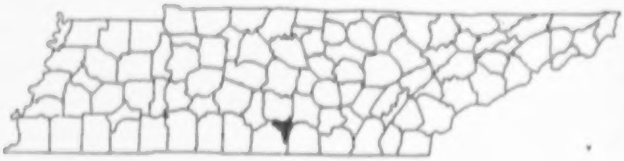


	1987 Census
Total Land in Farms	188,025
Average Farm Size	188
Average Value of Farm and Buildings	$ 161,344
Market Value of All Farm Products	$ 22,398,000
Market Value of All Crops	$ 12,609,000
Market Value of All Livestock	$ 9,790,000
Market Value of Nursery Products	$ 7,000
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	12,500	110	1,370,000	8
Soybeans, Bu.	16,500	33	545,000	14
Wheat, Bu.	12,000	29	350,000	6
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	1,355	1,765	2,390,000	16
Dark Fired Tobacco, Lbs.	1,745	2,015	3,520,000	2
Dark Air-Cured Tobacco, Lbs.	20	1,850	37,000	5
Alfalfa Hay, Tons	1,100	3	3,300	30
All Other Hay, Tons	21,500	2	31,600	37
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	33,000	24
Beef Cows (1/1/92)	18,000	13
Milk Cows (1/1/92)	700	54
All Hogs and Pigs (12/1/91)	8,000	25
Hogs and Pigs for Breeding (12/1/91)	1,400	19

MOORE COUNTY



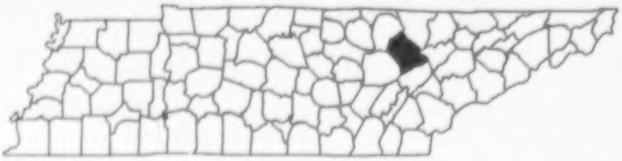
	1987 Census
Total Land in Farms	57,642
Average Farm Size	135
Average Value of Farm and Buildings	$ 129,304
Market Value of All Farm Products	$ 6,822,000
Market Value of All Crops	$ 724,000
Market Value of All Livestock	$ 6,098,000
Market Value of Nursery Products	*
Average Age of Farmers	52

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	600	83	50,000	84
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	*	*	*	*
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	162	1,760	285,000	49
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	9,000	2	18,000	57
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	16,000	52
Beef Cows (1/1/92)	6,500	57
Milk Cows (1/1/92)	1,700	35
All Hogs and Pigs (12/1/91)	1,500	69
Hogs and Pigs for Breeding (12/1/91)	500	51

* = None or no estimate available.

MORGAN COUNTY



	1987 Census
Total Land in Farms	43,960
Average Farm Size	145
Average Value of Farm and Buildings	$ 106,388
Market Value of All Farm Products	$ 3,894,000
Market Value of All Crops	$ 545,000
Market Value of All Livestock	$ 3,349,000
Market Value of Nursery Products	*
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,000	94	94,000	68
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	*	*	*	*
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	80	1,715	137,000	59
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	6,000	2	12,500	72
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	7,000	87
Beef Cows (1/1/92)	3,500	84
Milk Cows (1/1/92)	500	60
All Hogs and Pigs (12/1/91)	1,000	73
Hogs and Pigs for Breeding (12/1/91)	300	64

OBION COUNTY

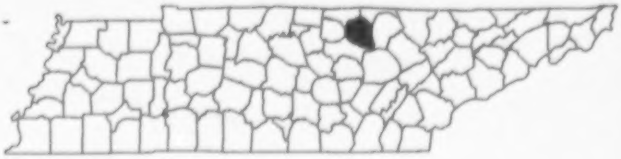
	1987 Census
Total Land in Farms	258,567
Average Farm Size	340
Average Value of Farm and Buildings	$ 253,298
Market Value of All Farm Products	$ 41,114,000
Market Value of All Crops	$ 28,538,000
Market Value of All Livestock	$ 12,575,000
Market Value of Nursery Products	*
Average Age of Farmers	51

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	56,000	90	5,015,000	1
Soybeans, Bu.	101,000	35	3,580,000	2
Wheat, Bu.	33,000	19	630,000	2
Grain Sorghum, Bu.	3,700	80	295,000	6
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	1,200	4	4,500	20
All Other Hay, Tons	9,100	2	13,800	67
Cotton	5,200	628	6,800	13

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	26,000	34
Beef Cows (1/1/92)	15,000	21
Milk Cows (1/1/92)	500	60
All Hogs and Pigs (12/1/91)	29,000	3
Hogs and Pigs for Breeding (12/1/91)	2,900	7

* = None or no estimate available.

OVERTON COUNTY

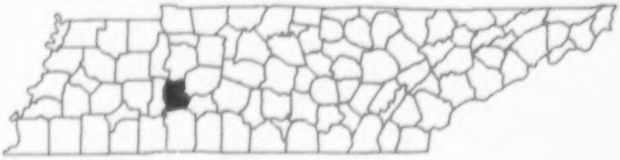


	1987 Census
Total Land in Farms	110,079
Average Farm Size	131
Average Value of Farm and Buildings	$ 98,127
Market Value of All Farm Products	$ 9,709,000
Market Value of All Crops	$ 1,696,000
Market Value of All Livestock	$ 8,014,000
Market Value of Nursery Products	$ 45,000
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,700	89	152,000	52
Soybeans, Bu.	600	36	21,500	58
Wheat, Bu.	300	28	8,500	66
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	550	1,920	1,055,000	32
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	1,000	3	3,000	35
All Other Hay, Tons	21,600	2	36,000	29
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	24,000	39
Beef Cows (1/1/92)	9,000	43
Milk Cows (1/1/92)	1,900	32
All Hogs and Pigs (12/1/91)	5,500	36
Hogs and Pigs for Breeding (12/1/91)	900	35

PERRY COUNTY



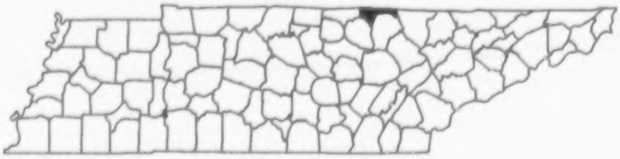
	1987 Census
Total Land in Farms	58,327
Average Farm Size	265
Average Value of Farm and Buildings	$ 113,823
Market Value of All Farm Products	$ 3,178,000
Market Value of All Crops	$ 526,000
Market Value of All Livestock	$ 2,651,000
Market Value of Nursery Products	*
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	4,000	64	255,000	40
Soybeans, Bu.	1,500	32	48,000	47
Wheat, Bu.	600	22	13,000	58
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	4,100	2	7,800	78
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	7,500	86
Beef Cows (1/1/92)	3,000	86
Milk Cows (1/1/92)	*	*
All Hogs and Pigs (12/1/91)	7,000	28
Hogs and Pigs for Breeding (12/1/91)	1,000	28

* = None or no estimate available.

PICKETT COUNTY

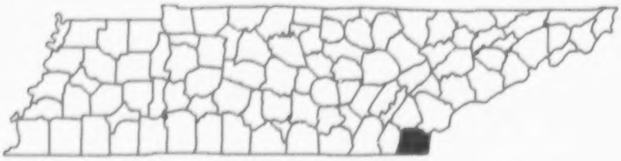


	1987 Census
Total Land in Farms	36,968
Average Farm Size	100
Average Value of Farm and Buildings	$ 70,605
Market Value of All Farm Products	$ 3,137,000
Market Value of All Crops	$ 1,083,000
Market Value of All Livestock	$ 2,055,000
Market Value of Nursery Products	*
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	500	88	44,000	87
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	*	*	*	*
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	610	1,860	1,135,000	30
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	500	3	1,600	46
All Other Hay, Tons	8,500	2	15,500	62
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	10,000	73
Beef Cows (1/1/92)	6,000	62
Milk Cows (1/1/92)	100	80
All Hogs and Pigs (12/1/91)	1,000	73
Hogs and Pigs for Breeding (12/1/91)	200	69

POLK COUNTY



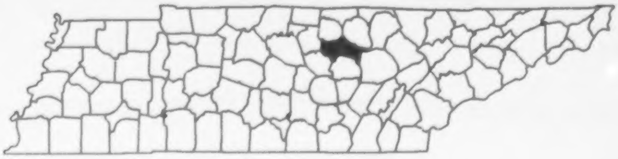
	1987 Census
Total Land in Farms	37,228
Average Farm Size	143
Average Value of Farm and Buildings	$ 185,265
Market Value of All Farm Products	$ 14,762,000
Market Value of All Crops	$ 499,000
Market Value of All Livestock	$ 14,263,000
Market Value of Nursery Products	*
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,800	97	175,000	49
Soybeans, Bu.	1,900	34	64,000	40
Wheat, Bu.	1,700	29	50,000	32
Grain Sorghum, Bu.	200	50	10,000	31
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	6,500	2	13,000	69
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	12,000	67
Beef Cows (1/1/92)	2,500	91
Milk Cows (1/1/92)	1,600	38
All Hogs and Pigs (12/1/91)	1,000	73
Hogs and Pigs for Breeding (12/1/91)	200	69

* = None or no estimate available.

PUTNAM COUNTY

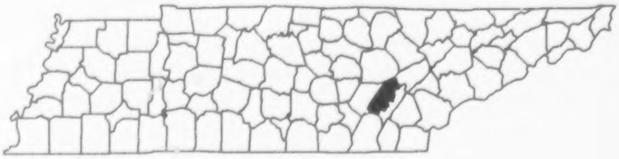


	1987 Census
Total Land in Farms	105,420
Average Farm Size	98
Average Value of Farm and Buildings	$ 99,260
Market Value of All Farm Products	$ 10,021,000
Market Value of All Crops	$ 2,880,000
Market Value of All Livestock	$ 7,141,000
Market Value of Nursery Products	$ 717,000
Average Age of Farmers	55

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	800	81	65,000	77
Soybeans, Bu.	500	32	16,000	63
Wheat, Bu.	300	25	7,500	68
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	850	2,060	1,750,000	21
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	500	3	1,700	45
All Other Hay, Tons	18,500	2	38,600	28
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	28,000	29
Beef Cows (1/1/92)	15,000	21
Milk Cows (1/1/92)	1,300	42
All Hogs and Pigs (12/1/91)	3,000	54
Hogs and Pigs for Breeding (12/1/91)	600	49

RHEA COUNTY



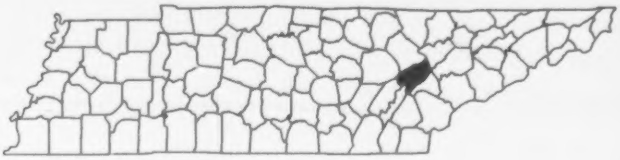
	1987 Census
Total Land in Farms	55,956
Average Farm Size	150
Average Value of Farm and Buildings	$ 151,227
Market Value of All Farm Products	$ 8,687,000
Market Value of All Crops	$ 4,040,000
Market Value of All Livestock	$ 4,646,000
Market Value of Nursery Products	*
Average Age of Farmers	52

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,700	89	152,000	53
Soybeans, Bu.	2,000	30	60,000	43
Wheat, Bu.	1,000	28	28,000	43
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	28	1,945	54,500	64
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	11,500	2	21,000	51
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	11,500	69
Beef Cows (1/1/92)	4,500	76
Milk Cows (1/1/92)	1,000	45
All Hogs and Pigs (12/1/91)	5,300	38
Hogs and Pigs for Breeding (12/1/91)	800	41

* = None or no estimate available.

ROANE COUNTY

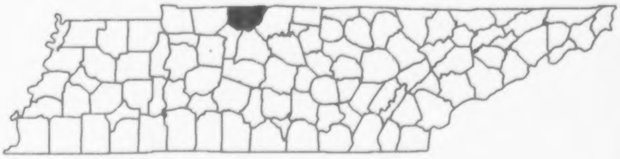


	1987 Census
Total Land in Farms	58,739
Average Farm Size	108
Average Value of Farm and Buildings	$ 127,998
Market Value of All Farm Products	$ 4,377,000
Market Value of All Crops	$ 985,000
Market Value of All Livestock	$ 3,392,000
Market Value of Nursery Products	$ 211,000
Average Age of Farmers	56

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	•	•	•	•
Soybeans, Bu.	•	•	•	•
Wheat, Bu.	•	•	•	•
Grain Sorghum, Bu.	•	•	•	•
Burley Tobacco, Lbs.	125	1,920	240,000	52
Dark Fired Tobacco, Lbs.	•	•	•	•
Dark Air-Cured Tobacco, Lbs.	•	•	•	•
Alfalfa Hay, Tons	•	•	•	•
All Other Hay, Tons	10,500	2	22,500	46
Cotton	•	•	•	•

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	15,500	54
Beef Cows (1/1/92)	7,000	54
Milk Cows (1/1/92)	800	51
All Hogs and Pigs (12/1/91)	1,000	73
Hogs and Pigs for Breeding (12/1/91)	200	69

ROBERTSON COUNTY



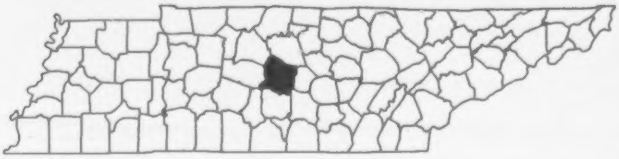
	1987 Census
Total Land in Farms	255,126
Average Farm Size	165
Average Value of Farm and Buildings	$ 210,762
Market Value of All Farm Products	$ 43,376,000
Market Value of All Crops	$ 23,766,000
Market Value of All Livestock	$ 19,611,000
Market Value of Nursery Products	•
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	20,400	104	2,115,000	5
Soybeans, Bu.	24,400	34	820,000	12
Wheat, Bu.	23,600	37	877,000	1
Grain Sorghum, Bu.	•	•	•	•
Burley Tobacco, Lbs.	1,765	2,100	3,710,000	7
Dark Fired Tobacco, Lbs.	2,875	2,220	6,383,000	1
Dark Air-Cured Tobacco, Lbs.	352	2,020	711,000	6
Alfalfa Hay, Tons	2,700	4	9,900	9
All Other Hay, Tons	40,500	2	71,000	•
Cotton	•	•	•	•

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	60,000	5
Beef Cows (1/1/92)	24,000	6
Milk Cows (1/1/92)	5,200	13
All Hogs and Pigs (12/1/91)	13,500	14
Hogs and Pigs for Breeding (12/1/91)	2,100	11

• = None or no estimate available.

RUTHERFORD COUNTY

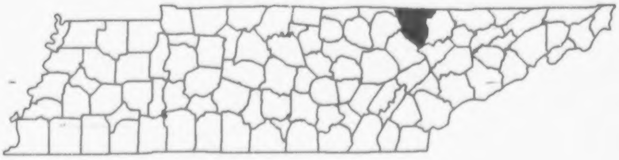


	1987 Census
Total Land in Farms	224,910
Average Farm Size	144
Average Value of Farm and Buildings	$ 215,859
Market Value of All Farm Products	$ 21,798,000
Market Value of All Crops	$ 3,448,000
Market Value of All Livestock	$ 18,350,000
Market Value of Nursery Products	*
Average Age of Farmers	55

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	5,100	85	435,000	25
Soybeans, Bu.	6,400	27	175,000	29
Wheat, Bu.	4,700	28	131,000	19
Grain Sorghum, Bu.	250	59	14,700	26
Burley Tobacco, Lbs.	51	1,765	90,000	62
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	3,100	4	11,300	4
All Other Hay, Tons	42,000	2	75,000	6
Cotton	2,300	490	2,350	18

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	57,000	7
Beef Cows (1/1/92)	21,000	10
Milk Cows (1/1/92)	7,000	6
All Hogs and Pigs (12/1/91)	5,000	39
Hogs and Pigs for Breeding (12/1/91)	900	35

SCOTT COUNTY



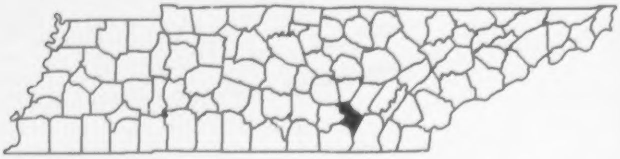
	1987 Census
Total Land in Farms	34,603
Average Farm Size	145
Average Value of Farm and Buildings	$ 131,421
Market Value of All Farm Products	$ 4,221,000
Market Value of All Crops	*
Market Value of All Livestock	*
Market Value of Nursery Products	*
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	700	91	64,000	80
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	*	*	*	*
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	7	1,655	11,600	69
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	6,500	2	11,000	73
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	6,000	92
Beef Cows (1/1/92)	2,500	91
Milk Cows (1/1/92)	400	63
All Hogs and Pigs (12/1/91)	500	84
Hogs and Pigs for Breeding (12/1/91)	100	85

* = None or no estimate available.

SEQUATCHIE COUNTY

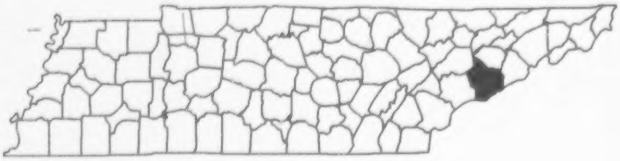


	1987 Census
Total Land in Farms	25,284
Average Farm Size	162
Average Value of Farm and Buildings	$ 128,090
Market Value of All Farm Products	$ 3,057,000
Market Value of All Crops	$ 517,000
Market Value of All Livestock	$ 2,540,000
Market Value of Nursery Products	*
Average Age of Farmers	55

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,400	87	122,000	57
Soybeans, Bu.	600	29	17,500	61
Wheat, Bu.	900	18	16,200	50
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	3,700	2	6,500	80
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	7,000	87
Beef Cows (1/1/92)	3,000	86
Milk Cows (1/1/92)	600	55
All Hogs and Pigs (12/1/91)	1,000	73
Hogs and Pigs for Breeding (12/1/91)	200	69

SEVIER COUNTY



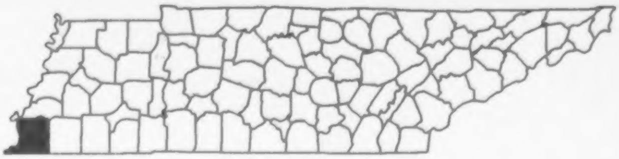
	1987 Census
Total Land in Farms	78,192
Average Farm Size	82
Average Value of Farm and Buildings	$ 134,187
Market Value of All Farm Products	$ 8,174,000
Market Value of All Crops	$ 2,564,000
Market Value of All Livestock	$ 5,610,000
Market Value of Nursery Products	$ 81
Average Age of Farmers	55

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	600	98	59,000	81
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	*	*	*	*
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	650	1,915	1,245,000	29
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	12,800	2	28,000	42
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	23,000	40
Beef Cows (1/1/92)	10,500	34
Milk Cows (1/1/92)	300	67
All Hogs and Pigs (12/1/91)	500	84
Hogs and Pigs for Breeding (12/1/91)	100	85

* = None or no estimate available.

SHELBY COUNTY

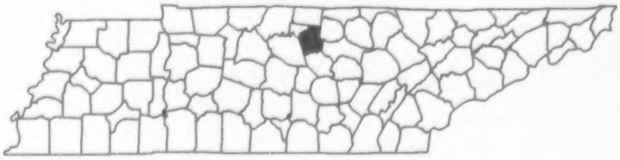


	1987 Census
Total Land in Farms	139,587
Average Farm Size	190
Average Value of Farm and Buildings	$ 266,308
Market Value of All Farm Products	$ 24,762,000
Market Value of All Crops	$ 19,847,000
Market Value of All Livestock	$ 4,915,000
Market Value of Nursery Products	$ 7,058,000
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,500	69	104,000	62
Soybeans, Bu.	43,000	30	1,300,000	8
Wheat, Bu.	8,000	24	190,000	11
Grain Sorghum, Bu.	800	65	52,000	17
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	800	3	2,600	39
All Other Hay, Tons	12,400	2	19,900	53
Cotton	31,700	485	32,000	9

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	15,000	55
Beef Cows (1/1/92)	10,000	37
Milk Cows (1/1/92)	300	67
All Hogs and Pigs (12/1/91)	3,000	54
Hogs and Pigs for Breeding (12/1/91)	400	60

SMITH COUNTY



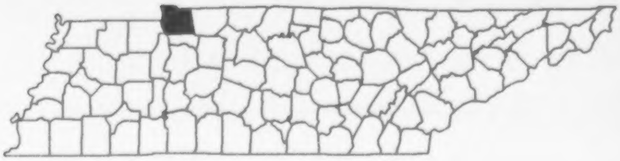
	1987 Census
Total Land in Farms	145,507
Average Farm Size	130
Average Value of Farm and Buildings	$ 96,760
Market Value of All Farm Products	$ 11,704,000
Market Value of All Crops	$ 4,038,000
Market Value of All Livestock	$ 7,667,000
Market Value of Nursery Products	*
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	2,300	90	207,000	46
Soybeans, Bu.	1,100	37	40,800	50
Wheat, Bu.	500	25	12,500	59
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	1,800	1,970	3,550,000	8
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	22,000	2	39,000	26
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	34,000	23
Beef Cows (1/1/92)	17,500	14
Milk Cows (1/1/92)	1,400	41
All Hogs and Pigs (12/1/91)	6,000	31
Hogs and Pigs for Breeding (12/1/91)	1,000	28

* = None or no estimate available.

STEWART COUNTY

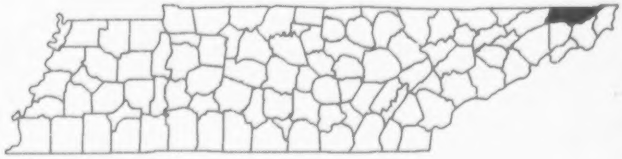


	1987 Census
Total Land in Farms	55,703
Average Farm Size	150
Average Value of Farm and Buildings	$ 101,105
Market Value of All Farm Products	$ 3,028,000
Market Value of All Crops	$ 1,652,000
Market Value of All Livestock	$ 1,376,000
Market Value of Nursery Products	*
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,100	80	88,000	71
Soybeans, Bu.	1,700	24	41,300	49
Wheat, Bu.	500	25	12,500	60
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	365	1,765	645,000	38
Dark Fired Tobacco, Lbs.	433	1,975	855,000	6
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	3,900	2	7,400	79
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	9,000	80
Beef Cows (1/1/92)	4,000	78
Milk Cows (1/1/92)	*	*
All Hogs and Pigs (12/1/91)	1,000	73
Hogs and Pigs for Breeding (12/1/91)	200	69

SULLIVAN COUNTY



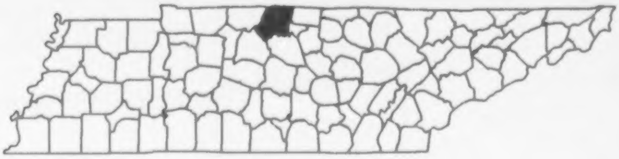
	1987 Census
Total Land in Farms	97,537
Average Farm Size	68
Average Value of Farm and Buildings	$ 143,524
Market Value of All Farm Products	$ 13,893,000
Market Value of All Crops	$ 4,350,000
Market Value of All Livestock	$ 9,543,000
Market Value of Nursery Products	$ 1,366,000
Average Age of Farmers	56

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,000	94	94,000	67
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	*	*	*	*
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	1,395	2,080	2,900,000	10
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	2,200	4	9,500	8
All Other Hay, Tons	20,000	2	41,000	25
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	29,000	26
Beef Cows (1/1/92)	11,000	31
Milk Cows (1/1/92)	2,300	29
All Hogs and Pigs (12/1/91)	300	89
Hogs and Pigs for Breeding (12/1/91)	200	69

* = None or no estimate available.

SUMNER COUNTY

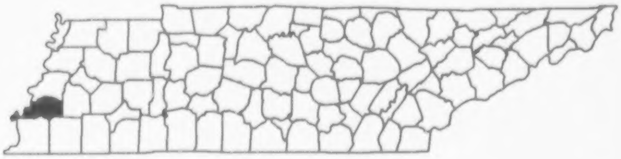


	1987 Census
Total Land in Farms	205,681
Average Farm Size	110
Average Value of Farm and Buildings	$ 170,045
Market Value of All Farm Products	$ 28,798,000
Market Value of All Crops	$ 9,930,000
Market Value of All Livestock	$ 18,868,000
Market Value of Nursery Products	$ 683,000
Average Age of Farmers	55

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	5,500	95	525,000	21
Soybeans, Bu.	8,800	31	275,000	24
Wheat, Bu.	4,900	31	150,000	15
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	3,055	2,005	6,130,000	2
Dark Fired Tobacco, Lbs.	95	1,990	189,000	8
Dark Air-Cured Tobacco, Lbs.	175	1,945	340,000	2
Alfalfa Hay, Tons	2,300	3	7,400	11
All Other Hay, Tons	39,500	2	67,000	10
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	47,000	13
Beef Cows (1/1/92)	24,000	6
Milk Cows (1/1/92)	2,700	25
All Hogs and Pigs (12/1/91)	5,000	39
Hogs and Pigs for Breeding (12/1/91)	800	41

TIPTON COUNTY



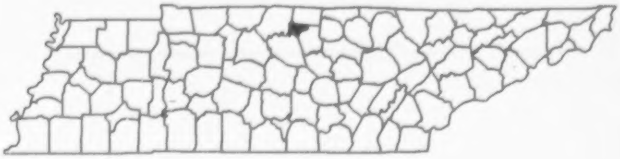
	1987 Census
Total Land in Farms	190,772
Average Farm Size	293
Average Value of Farm and Buildings	$ 282,132
Market Value of All Farm Products	$ 32,983,000
Market Value of All Crops	$ 29,885,000
Market Value of All Livestock	$ 3,097,000
Market Value of Nursery Products	$ 104,000
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,500	78	117,000	58
Soybeans, Bu.	65,000	29	1,890,000	5
Wheat, Bu.	10,500	23	240,000	9
Grain Sorghum, Bu.	2,000	66	132,000	8
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	4,600	2	10,000	74
Cotton	63,500	567	75,000	3

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	10,000	73
Beef Cows (1/1/92)	6,000	62
Milk Cows (1/1/92)	300	67
All Hogs and Pigs (12/1/91)	4,000	46
Hogs and Pigs for Breeding (12/1/91)	500	51

* = None or no estimate available.

TROUSDALE COUNTY

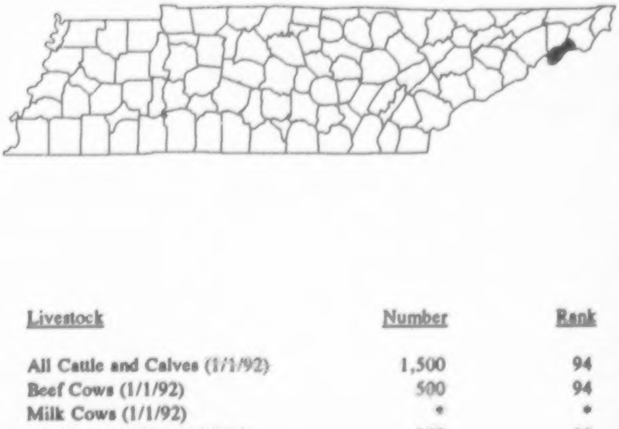


	1987 Census
Total Land in Farms	58,550
Average Farm Size	133
Average Value of Farm and Buildings	$ 128,911
Market Value of All Farm Products	$ 6,317,000
Market Value of All Crops	$ 3,245,000
Market Value of All Livestock	$ 3,071,000
Market Value of Nursery Products	*
Average Age of Farmers	56

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,000	70	70,000	74
Soybeans, Bu.	1,000	26	26,000	54
Wheat, Bu.	200	28	5,500	70
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	1,300	2,015	2,620,000	14
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	13,000	2	22,000	47
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	11,500	69
Beef Cows (1/1/92)	5,000	72
Milk Cows (1/1/92)	300	67
All Hogs and Pigs (12/1/91)	1,500	69
Hogs and Pigs for Breeding (12/1/91)	200	69

UNICOI COUNTY



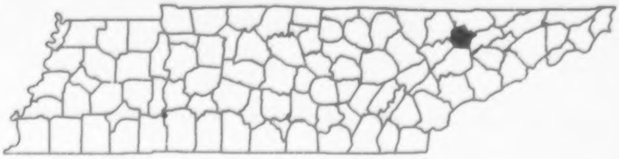
	1987 Census
Total Land in Farms	10,315
Average Farm Size	39
Average Value of Farm and Buildings	$ 62,139
Market Value of All Farm Products	$ 1,125,000
Market Value of All Crops	$ 914,000
Market Value of All Livestock	$ 211,000
Market Value of Nursery Products	*
Average Age of Farmers	55

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	*	*	*	*
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	*	*	*	*
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	317	2,210	700,000	36
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	800	3	2,000	86
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	1,500	94
Beef Cows (1/1/92)	500	94
Milk Cows (1/1/92)	*	*
All Hogs and Pigs (12/1/91)	300	89
Hogs and Pigs for Breeding (12/1/91)	100	85

* = None or no estimate available.

UNION COUNTY

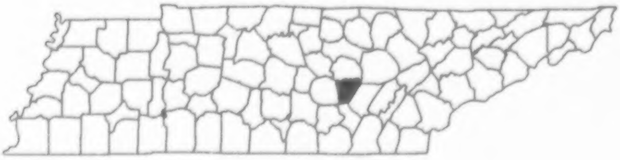


	1987 Census
Total Land in Farms	53,305
Average Farm Size	87
Average Value of Farm and Buildings	$ 77,975
Market Value of All Farm Products	$ 3,674,000
Market Value of All Crops	$ 1,874,000
Market Value of All Livestock	$ 1,800,000
Market Value of Nursery Products	*
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	*	*	*	*
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	*	*	*	*
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	705	1,900	1,340,000	27
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	9,000	2	18,000	58
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	8,000	83
Beef Cows (1/1/92)	4,000	78
Milk Cows (1/1/92)	300	67
All Hogs and Pigs (12/1/91)	300	89
Hogs and Pigs for Breeding (12/1/91)	100	85

VAN BUREN COUNTY



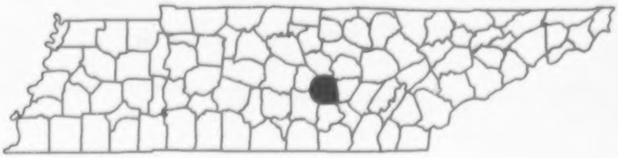
	1987 Census
Total Land in Farms	30,275
Average Farm Size	140
Average Value of Farm and Buildings	$ 102,184
Market Value of All Farm Products	$ 3,704,000
Market Value of All Crops	$ 390,000
Market Value of All Livestock	$ 3,314,000
Market Value of Nursery Products	$ 233,000
Average Age of Farmers	55

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	300	80	24,000	91
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	*	*	*	*
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	33	1,680	55,500	63
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	5,500	2	9,400	76
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	7,000	87
Beef Cows (1/1/92)	4,000	78
Milk Cows (1/1/92)	900	49
All Hogs and Pigs (12/1/91)	4,000	46
Hogs and Pigs for Breeding (12/1/91)	1,000	28

* = None or no estimate available.

WARREN COUNTY

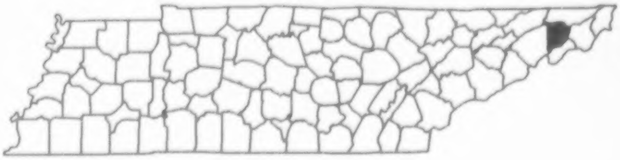


	1987 Census
Total Land in Farms	165,266
Average Farm Size	133
Average Value of Farm and Buildings	$ 153,871
Market Value of All Farm Products	$ 54,988,000
Market Value of All Crops	$ 38,963,000
Market Value of All Livestock	$ 16,025,000
Market Value of Nursery Products	$ 36,859,000
Average Age of Farmers	52

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	6,000	90	540,000	19
Soybeans, Bu.	5,700	28	159,000	31
Wheat, Bu.	2,400	27	65,600	27
Grain Sorghum, Bu.	270	65	17,600	25
Burley Tobacco, Lbs.	200	1,825	365,000	46
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	1,200	3	4,000	25
All Other Hay, Tons	34,000	2	67,000	11
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	39,000	17
Beef Cows (1/1/92)	16,000	17
Milk Cows (1/1/92)	6,000	8
All Hogs and Pigs (12/1/91)	6,000	31
Hogs and Pigs for Breeding (12/1/91)	800	41

WASHINGTON COUNTY



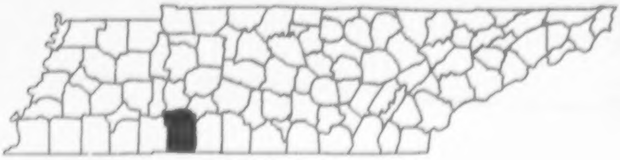
	1987 Census
Total Land in Farms	123,904
Average Farm Size	65
Average Value of Farm and Buildings	$ 141,365
Market Value of All Farm Products	$ 31,073,000
Market Value of All Crops	$ 11,935,000
Market Value of All Livestock	$ 19,138,000
Market Value of Nursery Products	$ 1,879,000
Average Age of Farmers	55

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,500	103	154,000	51
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	100	32	3,200	72
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	2,940	1,980	5,825,000	4
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	3,000	4	11,700	3
All Other Hay, Tons	35,000	2	75,000	7
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	58,000	6
Beef Cows (1/1/92)	18,500	12
Milk Cows (1/1/92)	8,500	3
All Hogs and Pigs (12/1/91)	500	84
Hogs and Pigs for Breeding (12/1/91)	100	85

* = None or no estimate available.

WAYNE COUNTY

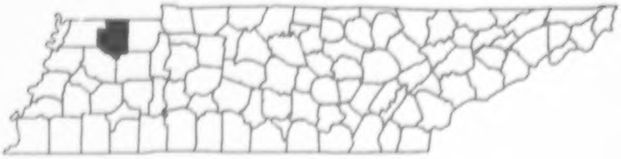


	1987 Census
Total Land in Farms	135,209
Average Farm Size	194
Average Value of Farm and Buildings	$ 102,903
Market Value of All Farm Products	$ 7,113,000
Market Value of All Crops	$ 761,000
Market Value of All Livestock	$ 6,352,000
Market Value of Nursery Products	*
Average Age of Farmers	53

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	3,500	64	225,000	43
Soybeans, Bu.	1,600	27	43,000	48
Wheat, Bu.	600	24	14,500	54
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	*	*	*	*
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	*	*	*	*
All Other Hay, Tons	15,000	2	27,000	42
Cotton	480	590	590	27

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	21,000	43
Beef Cows (1/1/92)	10,000	37
Milk Cows (1/1/92)	*	*
All Hogs and Pigs (12/1/91)	10,000	20
Hogs and Pigs for Breeding (12/1/91)	1,400	19

WEAKLEY COUNTY



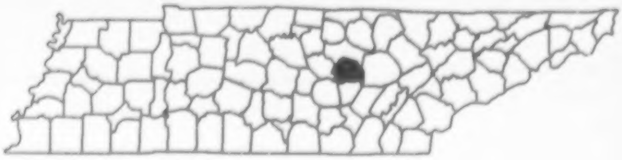
	1987 Census
Total Land in Farms	208,488
Average Farm Size	225
Average Value of Farm and Buildings	$ 140,283
Market Value of All Farm Products	$ 37,706,000
Market Value of All Crops	$ 16,793,000
Market Value of All Livestock	$ 20,913,000
Market Value of Nursery Products	$ 92,000
Average Age of Farmers	52

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	49,000	81	3,950,000	2
Soybeans, Bu.	58,200	30	1,745,000	6
Wheat, Bu.	20,000	24	477,000	5
Grain Sorghum, Bu.	4,700	70	330,000	3
Burley Tobacco, Lbs.	79	1,995	157,700	57
Dark Fired Tobacco, Lbs.	85	2,175	185,000	9
Dark Air-Cured Tobacco, Lbs.	23	2,350	54,000	3
Alfalfa Hay, Tons	1,500	3	5,000	17
All Other Hay, Tons	10,000	2	16,800	60
Cotton	1,800	493	1,850	21

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	19,000	46
Beef Cows (1/1/92)	7,500	52
Milk Cows (1/1/92)	3,300	21
All Hogs and Pigs (12/1/91)	59,000	1
Hogs and Pigs for Breeding (12/1/91)	6,500	1

* = None or no estimate available.

WHITE COUNTY

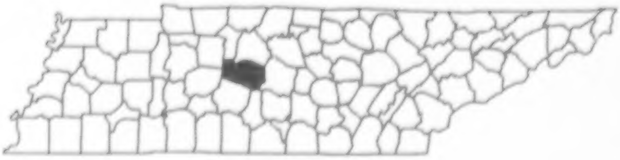


	1987 Census
Total Land in Farms	133,148
Average Farm Size	132
Average Value of Farm and Buildings	$ 118,590
Market Value of All Farm Products	$ 16,147,000
Market Value of All Crops	$ 1,969,000
Market Value of All Livestock	$ 14,178,000
Market Value of Nursery Products	$ 50,000
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	1,500	88	132,000	55
Soybeans, Bu.	500	30	14,800	66
Wheat, Bu.	500	27	13,500	57
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	775	1,890	1,465,000	27
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	1,000	3	3,200	*
All Other Hay, Tons	26,000	2	49,000	*
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	38,000	18
Beef Cows (1/1/92)	14,000	25
Milk Cows (1/1/92)	5,500	12
All Hogs and Pigs (12/1/91)	10,000	20
Hogs and Pigs for Breeding (12/1/91)	1,600	17

WILLIAMSON COUNTY



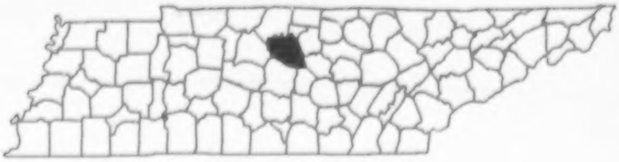
	1987 Census
Total Land in Farms	219,668
Average Farm Size	155
Average Value of Farm and Buildings	$ 288,145
Market Value of All Farm Products	$ 25,821,000
Market Value of All Crops	$ 8,235,000
Market Value of All Livestock	$ 17,586,000
Market Value of Nursery Products	$ 3,526,000
Average Age of Farmers	54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	3,200	96	307,000	37
Soybeans, Bu.	4,300	31	134,000	35
Wheat, Bu.	4,100	33	135,000	18
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	970	2,030	1,970,000	18
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	2,700	4	9,500	7
All Other Hay, Tons	45,000	2	76,000	5
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	52,000	10
Beef Cows (1/1/92)	23,500	9
Milk Cows (1/1/92)	3,800	18
All Hogs and Pigs (12/1/91)	7,000	28
Hogs and Pigs for Breeding (12/1/91)	1,100	25

* = None or no estimate available.

WILSON COUNTY

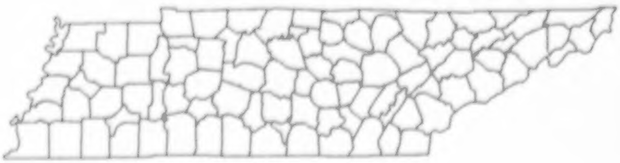


	1987 Census
Total Land in Farms	216,162
Average Farm Size	123
Average Value of Farm and Buildings	$ 138,348
Market Value of All Farm Products	$ 17,489,000
Market Value of All Crops	$ 2,134,000
Market Value of All Livestock	$ 15,355,000
Market Value of Nursery Products	$ 66,000
Average Age of Farmers	56

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	800	90	72,000	73
Soybeans, Bu.	*	*	*	*
Wheat, Bu.	400	35	14,000	*
Grain Sorghum, Bu.	*	*	*	*
Burley Tobacco, Lbs.	705	1,850	1,305,000	28
Dark Fired Tobacco, Lbs.	*	*	*	*
Dark Air-Cured Tobacco, Lbs.	*	*	*	*
Alfalfa Hay, Tons	1,000	3	3,000	36
All Other Hay, Tons	39,000	2	74,000	8
Cotton	*	*	*	*

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	54,000	8
Beef Cows (1/1/92)	27,000	4
Milk Cows (1/1/92)	2,800	24
All Hogs and Pigs (12/1/91)	5,000	39
Hogs and Pigs for Breeding (12/1/91)	900	35

TENNESSEE



		1987 Census
Total Land in Farms		11,731,386
Average Farm Size		147
Average Value of Farm and Bdgs	$	146,126
Market Value of All Farm Products	$	1,617,636,000
Market Value of All Crops	$	701,828,000
Market Value of All Livestock	$	915,807,000
Market Value of Nursery Products	$	108,772,000
Average Age of Farmers		54

1991 CROPS	Acres Harv.	Yield	Production	Rank
Corn for Grain, Bu.	510,000	86	43,860,000	20
Soybeans, Bu.	1,050,000	30	31,500,000	15
Wheat, Bu.	320,000	24	7,680,000	26
Grain Sorghum, Bu.	65,000	65	4,225,000	13
Burley Tobacco, Lbs.	54,000	1,950	105,300,000	2
Dark Fired Tobacco, Lbs.	7,120	2,150	15,004,000	1
Dark Air-Cured Tobacco, Lbs.	610	2,000	1,220,000	2
Alfalfa Hay, Tons	80,000	4	280,000	30
All Other Hay, Tons	1,570,000	2	2,983,000	5
Cotton	610,000	552	701,000	8

Livestock	Number	Rank
All Cattle and Calves (1/1/92)	2,290,000	14
Beef Cows (1/1/92)	975,000	11
Milk Cows (1/1/92)	195,000	12
All Hogs and Pigs (12/1/91)	670,000	17
Hogs and Pigs for Breeding (12/1/91)	90,000	17

* = None or no estimate available.

FOREST PRODUCTS SUMMARY

Tennessee's forests produced timber to manufacture 737,000,000 board feet of hardwood lumber and 104,000,000 board feet of softwood lumber during 1991. This level of production continues to place Tennessee at the top among hardwood lumber producing States.

The 1989 forest survey indicates that almost 50 percent of the total land area in Tennessee is forested, approximately 13,265,200 acres. Farmers own 3,848,900 acres which is second only to individual ownership which accounts for 5,582,000 acres.

In 1991 the ten leading counties in timber volume and lumber production were as follows:

Growing Stock Volume	Million Cu. Ft.
Scott	490.1
Cumberland	418.2
Morgan	368.7
Fentress	363.5
Campbell	354.0
Hickman	345.6
Wayne	334.0
Polk	327.1
Hardeman	297.7
Overton	291.3

Lumber Production	Million Bd. Ft.
Henry	44.7
Macon	42.2
White	41.7
Overton	30.2
Montgomery	28.5
McNairy	28.1
Hardeman	26.6
Dickson	25.6
Putnam	23.4
Wayne	21.0

SELECTED TENNESSEE FOREST STATISTICS, 1948-1989

Year	Commercial Forest Acreage	Sawtimber Volume (All Species) (Million Bd. Ft.)	Growing Stock Volume (All Species) (Million Cu. Ft.)	Net Annual Growth of Growing Stock (All Species) (Million Cu. Ft.)	Annual Removal of Growing Stock (Million Cu. Ft.)	Annual Growth to Removal Ratio	Number of Active Sawmills
1948-50	12,353,800	16,240.0	5,728.5	285.5	252.3	1.1:1	2789
1961	13,432,400	20,081.8	7,209.4	322.1	207.7	1.5:1	1135
1971	12,819,800	26,640.2	10,395.8	509.1	216.4	2.3:1	546
1980	12,879,000	38,897.3	12,805.2	511.4	213.7	2.4:1	718
1989	**13,265,200**	**53,613.6**	**16,682.7**	**637.4**	**219.4**	**2.9:1**	**597**

STATEWIDE TIMBER HARVEST AND AVERAGE STUMPAGE PRICES, 1983-1991

Year	Hardwood Sawlogs		Softwood Sawlogs		Hardwood Pulpwood		Softwood Pulpwood	
	Volume[1]	Avg. Price[2]	Volume[1]	Avg. Price[2]	Volume[3]	Avg. Price[4]	Volume[3]	Avg. Price[4]
1983	590,216,000	$100.00	75,064,000	$65.00	417,293	$2.25	405,449	$ 3.00
1984	620,216,000	100.00	80,079,000	70.0	509,264	2.25	506,429	6.00
1985	584,677,000	92.50	101,079,000	58.00	570,729	2.50	490,206	8.00
1986	571,500,000	100.00	93,425,000	61.00	412,700	2.25	1,116,520	8.40
1987	558,551,000	120.00	87,985,000	62.00	278,528	2.25	1,496,766	8.90
1988	644,987,000	130.00	103,772,000	70.00	355,638	3.00	1,551,149	9.00
1989	692,006,000	114.00	124,882,000	69.00	186,845	4.25	1,525,551	10.81
1990	635,099,000	118.00	72,089,000	77.00	221,203	4.63	429,178	9.50
1991	**589,642,000**	**152.00**	**82,925,000**	**83.00**	**285,522**	**5.17**	**1,140,016**	**9.78**

[1] Board feet, Doyle Rule.

[2] Price per 1,000 board feet, Doyle Rule.

[3] Standard cords.

[4] Price per standard cord.

STATEWIDE INCOME FROM SALE OF STANDING TIMBER, 1983-1991

Year	Hdwd. Sawtimber	Sftwd. Sawtimber	Hdwd. Pulpwood	Sftwd. Pulpwood	Total Sales
			Dollars		
1983	59,021,600	4,879,160	938,909	1,216,347	66,056,016
1984	62,021,600	5,605,530	1,145,844	3,038,574	71,811,548
1985	54,082,622	5,862,582	1,426,822	3,921,648	65,293,674
1986	57,150,000	5,698,925	928,575	9,378,768	73,156,268
1987	67,026,120	5,455,070	626,688	13,321,217	86,429,095
1988	83,848,310	7,264,040	1,066,914	13,960,341	106,139,605
1989	78,888,684	8,616,858	794,091	16,491,206	104,790,839
1990	74,941,682	5,550,853	1,024,170	8,827,191	90,343,896
1991	**89,626,584**	**6,882,775**	**1,476,149**	**11,149,356**	**109,133,864**

AREA OF TIMBERLAND BY COUNTY AND OWNERSHIP CLASS, TENNESSEE COUNTIES, 1989

County	All Owners	National Forests	Misc. Federal	State	County & City	Forest Industry[1]	Farmer	Corporate	Individual
					1,000 Acres				
Anderson	124.0	---	6.5	---	---	---	26.1	71.8	19.6
Bedford	74.6	---	---	---	---	5.3	32.0	---	37.3
Benton	172.7	---	19.2	---	---	12.8	38.4	6.4	95.9
Bledsoe	186.3	---	---	17.5	---	34.9	34.9	34.9	64.0
Blount	69.9	---	---	---	---	9.1	27.4	3.0	30.4
Bradley	95.2	---	---	---	---	15.4	15.4	---	61.7
Campbell	250.2	---	11.6	29.1	5.8	5.8	40.7	110.6	46.6
Cannon	88.5	---	---	---	---	---	41.6	---	46.8
Carroll	169.1	---	5.8	11.7	---	11.7	23.3	---	116.6
Carter	155.5	78.1	---	---	---	---	17.2	---	60.2
Cheatam	118.2	---	---	23.6	---	---	17.7	11.8	65.0
Chester	99.4	---	---	9.9	---	19.9	29.8	5.0	34.8
Claiborne	167.5	---	---	---	---	---	87.4	51.0	29.1
Clay	105.1	---	---	---	---	---	72.8	---	32.3
Cocke	163.4	44.3	---	---	---	5.7	56.7	---	56.7
Coffee	114.2	---	10.4	---	---	---	51.9	15.6	36.3
Crockett	15.1	---	---	---	---	---	7.6	---	7.6
Cumberland	320.3	---	---	52.4	5.8	46.6	29.1	46.6	139.8
Davidson	108.1	---	6.4	---	6.4	---	12.7	6.4	76.3
Decatur	134.8	---	5.4	5.4	---	---	43.1	16.2	64.7
DeKalb	114.2	---	11.4	---	---	---	28.5	---	74.2
Dickson	174.3	---	---	---	---	---	114.2	12.0	48.1
Dyer	40.4	---	---	10.1	---	10.1	10.1	10.1	---
Fayette	152.0	---	---	---	---	---	86.9	32.6	32.6
Fentress	244.1	---	5.8	11.6	---	87.2	23.2	40.7	75.5
Franklin	183.0	---	17.2	5.7	---	---	11.4	28.6	120.1
Gibson	36.4	---	---	---	---	---	36.4	---	---
Giles	171.8	---	---	---	---	9.8	103.1	---	58.9
Grainger	102.6	---	---	---	---	---	59.4	5.4	37.8
Greene	171.8	29.6	---	---	---	---	74.0	5.7	62.6
Grundy	165.9	---	5.7	---	---	34.3	11.4	28.6	85.8
Hamblen	32.8	---	---	---	---	---	24.6	---	8.2
Hamilton	210.7	---	19.7	6.6	---	13.2	32.9	19.7	118.5
Hancock	92.9	---	---	---	---	---	81.3	---	11.6
Hardeman	247.1	---	---	6.2	---	18.5	98.8	6.2	117.4
Hardin	219.9	---	9.6	---	---	38.2	76.5	14.3	81.3
Hawkins	177.3	---	5.7	---	5.7	5.7	85.8	5.7	68.6
Haywood	71.2	---	---	---	---	17.8	41.5	---	11.9
Henderson	158.4	---	22.6	5.7	---	---	73.6	---	56.6
Henry	176.1	---	13.0	---	---	6.5	45.6	6.5	104.3
Hickman	297.2	---	---	---	---	72.9	89.7	28.0	106.5
Houston	94.2	---	---	---	---	---	21.7	7.2	65.2
Humphreys	241.2	---	---	---	---	6.0	54.3	18.1	162.8
Jackson	135.9	---	---	---	---	---	31.4	---	104.5
Jefferson	62.2	---	---	---	---	---	33.9	11.3	17.0
Johnson	144.4	50.5	---	---	---	---	20.1		
Knox	127.0	---	---	---	---	---	31.7	15.9	79.4
Lake	18.0	---	---	18.0	---	---	---	---	---

[1] Includes land leased to Forest Industry.

AREA OF TIMBERLAND BY COUNTY AND OWNERSHIP CLASS, TENNESSEE COUNTIES, 1989 (Continued)

1,000 Acres

County	All Owners	National Forests	Misc. Federal	State	County & City	Forest Industry[1]	Farmer	Corporate	Individual
Lauderdale	88.8	---	16.2	---	---	24.2	32.3	---	16.2
Lawrence	199.8	---	---	20.7	---	27.6	103.4	6.9	41.3
Lewis	158.0	---	5.9	5.9	---	46.8	23.4	5.9	70.2
Lincoln	136.7	---	---	---	---	---	83.2	---	53.5
Loudon	62.3	---	11.3	---	---	5.7	34.0	---	11.3
McMinn	136.5	2.2	---	---	---	28.0	22.4	---	84.0
McNairy	224.4	---	---	5.8	---	40.3	40.3	---	138.1
Macon	77.0	---	---	---	---	---	56.0	---	21.0
Madison	140.7	---	---	6.1	---	---	36.7	6.1	91.7
Marion	251.7	---	---	18.0	---	30.0	12.0	36.0	155.8
Marshall	89.6	---	---	---	---	---	69.7	5.0	14.9
Maury	133.0	---	---	---	6.7	---	53.2	13.3	59.9
Meigs	82.9	---	---	5.9	---	11.8	23.7	---	41.5
Monroe	279.0	121.3	15.0	---	---	7.5	45.1	15.0	75.1
Montgomery	136.9	---	31.1	---	---	6.2	24.9	---	74.7
Moore	36.6	---	---	---	---	---	20.9	5.2	10.5
Morgan	276.2	---	5.6	28.2	---	5.6	16.9	50.7	169.1
Obion	67.6	---	6.1	6.1	---	12.3	24.6	---	18.4
Overton	170.4	---	6.8	13.6	---	---	61.3	13.6	75.0
Perry	223.6	---	5.7	---	---	63.1	68.8	22.9	63.1
Pickett	68.4	---	13.7	6.8	---	---	13.7	6.8	27.4
Polk	214.1	136.6	---	---	---	---	29.8	17.9	29.8
Putnam	152.3	---	5.4	---	---	---	27.2	38.1	81.6
Rhea	126.4	---	5.5	---	5.5	44.0	27.5	---	44.0
Roane	153.1	---	26.4	5.3	---	---	21.1	10.6	89.7
Robertson	53.0	---	---	---	---	---	37.9	7.6	7.6
Rutherford	155.7	---	5.6	5.6	5.6	---	44.5	5.6	88.9
Scott	300.3	---	49.1	5.5	---	10.9	60.1	92.8	81.9
Sequatchie	137.3	---	---	---	---	22.9	---	5.7	108.7
Sevier	127.5	---	---	---	---	---	33.0	4.7	89.7
Shelby	111.6	---	---	19.7	13.1	---	26.3	---	52.5
Smith	81.0	---	---	---	---	---	67.5	---	13.5
Stewart	219.7	---	62.8	6.3	---	69.0	25.1	---	56.5
Sullivan	123.6	37.1	4.8	---	4.8	---	28.8	4.8	43.3
Sumner	88.2	---	---	---	---	---	56.7	---	31.5
Tipton	50.9	---	---	---	---	---	43.6	---	7.3
Trousdale	30.0	---	---	---	---	---	---	---	30.0
Unicoi	89.4	43.8	---	12.4	---	---	---	---	33.2
Union	102.5	---	10.8	16.2	---	---	27.0	---	48.6
Van Buren	135.4	---	---	5.4	---	27.1	10.8	65.0	27.1
Warren	93.6	---	---	---	---	---	46.8	15.6	31.2
Washington	50.3	12.4	---	---	---	---	14.2	---	23.7
Wayne	372.6	---	---	---	---	145.3	56.8	31.6	139.0
Weakley	95.9	---	7.4	---	---	---	14.8	7.4	66.4
White	129.4	---	---	---	---	28.1	45.0	5.6	50.6
Williamson	142.0	---	---	---	---	---	78.9	---	63.1
Wilson	97.0	---	---	15.3	---	---	51.0	5.1	25.5
TOTAL	13,265.2	556.0	471.4	422.2	59.4	1,143.9	3,848.9	1,181.4	5,582.2

[1] Includes land leased to Forest Industry.

Other Statistics

CROPS: USUAL PLANTING AND HARVESTING DATES, TENNESSEE

Crop	1991 Harvested Acreage	Usual Planting Dates	Usual Harvesting Dates			Principal Producing Agricultural Statistics Districts*
			Begin	Most Active	End	
Corn:						
Grain	510,000	Apr. 5-June 5	Sep. 1	Sep. 20-Oct. 20	Dec. 1	statewide
Silage	105,000	Apr. 5-June 5	Aug. 1	Aug. 20-Sept. 20	Oct. 20	statewide
Cotton	610,000	Apr. 20-June 1	Sep. 20	Oct. 1-Nov. 1	Dec. 1	1, 2
Hay	1,650,000		May 1		Oct. 1	statewide
Sorghum:						
Grain	65,000	May 1-July 1	Sep. 1	Sep. 20-Oct. 20	Dec. 1	1, 2, 3, 4
Silage	7,000	May 1-July 1	Aug. 20	Sep. 1-Sep. 30	Oct. 15	1, 2, 3, 4
Soybeans	1,050,000	May 5-July 5	Oct. 5	Oct. 20-Nov. 20	Dec. 5	1, 2, 3, 4
Tobacco:						
Eastern Dark-Fired (22)	6,600	May 10-June 20	Aug. 10	Aug. 25-Sep. 15	Oct. 1	3, 4
Western Dark-Fired (23)	520	May 10-June 20	Aug. 10	Aug. 25-Sep. 15	Oct. 1	Obion, Henry, Weakley
Burley (31)	54,000	May 10-June 20	Aug. 10	Aug. 20-Sep. 15	Oct. 1	3, 4, 5, 6
One-Sucker (35)	610	May 10-June 20	Aug. 10	Aug. 20-Sep. 15	Oct. 1	2, 3, 4
Wheat, Winter	320,000	Sep. 20-Nov. 30	June 10	June 15-July 1	July 5	statewide
Vegetable Crops:						
Processing						
Snap Beans	5,000	May 1-July 31	June 25	July 1-Sep. 30	Oct. 5	Cumberland Plateau
Fresh Market						
Tomatoes	4,700	Apr. 20-May 25	June 25	July 1-Aug. 31	Oct. 15	1, 5, 6
Fruit:						
Apples						
East			July 15	Sep. 1-Oct. 10	Oct. 20	5, 6
Middle, West			July 1	Aug. 20-Sep. 30	Oct. 5	1, 2, 3, 4
Peaches			June 20	July 1-Aug. 10	Aug. 15	statewide

* See State Map

1991 TILLAGE SYSTEMS

TILLAGE PRACTICES USED: BY CROP, TENNESSEE, 1983-1991

Crop	Year	Total Acres Planted	No-Till[1]		Other Conservation Tillage[2]		Conventional Till[3]		Double-Cropped[4]	
			Acres	% of Total[5]	Acres	% of Total[5]	Acres	% of Total[5]	Acres	% of Total[5]
Soybeans	1983	2,020,000	330,000	16.3	360,000	17.8	1,330,000	65.8	570,000	28.2
	1984	1,900,000	370,000	19.5	210,000	11.1	1,320,000	69.5	490,000	25.8
	1985	1,500,000	240,000	16.0	140,000	9.3	1,120,000	74.7	230,000	15.3
	1986	1,470,000	180,000	12.2	140,000	9.5	1,150,000	78.2	280,000	19.0
	1987	1,300,000	140,000	10.8	120,000	9.2	1,040,000	80.0	290,000	22.3
	1988	1,300,000	200,000	15.4	120,000	9.2	980,000	75.4	340,000	26.2
	1989	1,300,000	260,000	20.0	200,000	15.4	840,000	64.6	370,000	28.5
	1990	1,300,000	300,000	23.1	290,000	22.3	710,000	54.6	450,000	34.6
	1991	**1,100,000**	**280,000**	**25.5**	**270,000**	**24.5**	**550,000**	**50.0**	**320,000**	**29.1**
Corn	1983	650,000	90,000	13.8	130,000	20.0	430,000	66.2	40,000	6.2
	1984	850,000	191,000	22.5	126,000	14.8	533,000	62.7	52,000	6.1
	1985	950,000	120,000	12.6	160,000	16.8	670,000	70.5	60,000	6.3
	1986	910,000	100,000	11.0	100,000	11.0	710,000	78.0	40,000	4.4
	1987	730,000	75,000	10.3	80,000	11.0	575,000	78.8	30,000	4.1
	1988	680,000	70,000	10.3	70,000	10.3	540,000	79.4	40,000	5.9
	1989	650,000	60,000	9.2	95,000	14.6	495,000	76.2	45,000	6.9
	1990	620,000	85,000	13.7	150,000	24.2	385,000	62.1	45,000	7.3
	1991	**620,000**	**135,000**	**21.8**	**135,000**	**21.8**	**350,000**	**56.5**	**40,000**	**6.5**
Sorghum	1983	110,000	9,400	8.5	24,900	22.6	75,700	68.8	8,800	8.0
	1984	280,000	36,500	13.0	35,200	12.6	208,300	74.4	18,700	6.7
	1985	480,000	25,000	5.2	50,000	10.4	405,000	84.4	15,000	3.1
	1986	180,000	10,000	5.6	30,000	16.7	140,000	77.8	10,000	5.6
	1987	70,000	5,000	7.1	17,000	24.3	48,000	68.6	3,000	4.3
	1988	45,000	4,000	8.9	4,000	8.9	37,000	82.2	3,000	6.7
	1989	35,000	3,500	10.0	3,000	8.6	28,500	81.4	3,000	8.6
	1990	60,000	4,500	7.5	10,000	16.7	45,500	75.8	4,500	7.5
	1991	**75,000**	**6,000**	**8.0**	**15,000**	**20.0**	**54,000**	**72.0**	**6,000**	**8.0**
Total	1983	2,780,000	429,400	15.4	514,900	18.5	1,835,700	66.0	618,800	22.3
	1984	3,030,000	597,500	19.7	371,200	12.3	2,061,300	68.0	560,700	18.5
	1985	2,930,000	385,000	13.1	350,000	11.9	2,195,000	74.9	305,000	10.4
	1986	2,560,000	290,000	11.3	270,000	10.5	2,000,000	78.1	330,000	12.9
	1987	2,100,000	220,000	10.5	217,000	10.3	1,663,000	79.2	323,000	15.4
	1988	2,025,000	274,000	13.5	194,000	9.6	1,557,000	76.9	383,000	18.9
	1989	1,985,000	323,500	16.3	298,000	15.0	1,363,500	68.7	418,000	21.1
	1990	1,980,000	389,500	19.7	450,000	22.7	1,140,500	57.6	499,500	25.2
	1991	**1,795,000**	**421,000**	**23.5**	**420,000**	**23.4**	**954,000**	**53.1**	**366,000**	**20.4**

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[1] No-Till - A procedure whereby a crop is planted directly into a seedbed not tilled since harvest of a previous crop, or the planting of a crop into sod, previous crop stubble, or a cover where only the intermediate seed zone is disturbed.

[2] Other Conservation Tillage - Tillage practices prior to planting which result in a minimum of 30 percent ground cover or residue being retained on the surface following planting. Grass and weed control is accomplished primarily with herbicides. Includes ridge till, strip till, and mulch till.

[3] Conventional Till - Systems where 100 percent of the surface layer is mixed or inverted by plowing, power tilling, or multiple disking.

[4] Double-Cropped - Two crops harvested from the same field during one year. Example: small grain harvest spring 1992, followed by soybeans, corn or sorghum in the fall of 1992.

[5] Sum of no-till, other conservation tillage and conventional till percents of total may not add to 100 percent due to rounding.

SOYBEANS: DISTRICT ESTIMATES BY TILLAGE PRACTICE, 1990 AND 1991

Year	District	Total Acres Planted	No-Till		Other Conservation Tillage		Conventional Till	
			Acres	% of Total	Acres	% of Total	Acres	% of Total
1990	10	570,000	102,000	17.9	125,000	21.9	343,000	60.2
	20	460,000	100,000	21.7	118,000	25.7	242,000	52.6
	30	83,000	26,500	31.9	12,000	14.5	44,500	53.6
	40	98,000	40,000	40.8	21,500	21.9	36,500	37.2
	50	67,000	23,000	34.3	9,500	14.2	34,500	51.5
	60	22,000	8,500	38.6	4,000	18.2	9,500	43.2
State		1,300,000	300,000	23.1	290,000	22.3	710,000	54.6
1991	10	489,000	86,000	17.6	120,000	24.5	283,000	57.9
	20	385,000	98,000	25.5	100,000	26.0	187,000	48.6
	30	69,000	29,000	42.0	13,000	18.8	27,000	39.1
	40	82,000	40,000	48.8	23,000	28.0	19,000	23.2
	50	56,000	18,500	33.0	9,500	17.0	28,000	50.0
	60	19,000	8,500	44.7	4,500	23.7	6,000	31.6
State		1,100,000	280,000	25.5	270,000	24.5	550,000	50.0

CORN: DISTRICT ESTIMATES BY TILLAGE PRACTICE, 1990 AND 1991

Year	District	Total Acres Planted	No-Till		Other Conservation Tillage		Conventional Till	
			Acres	% of Total	Acres	% of Total	Acres	% of Total
1990	10	89,000	9,500	10.7	24,000	27.0	55,500	62.4
	20	220,000	28,000	12.7	52,000	23.6	140,000	63.6
	30	73,000	9,500	13.0	14,500	19.9	49,000	67.1
	40	90,000	10,500	11.7	26,000	28.9	53,500	59.4
	50	72,000	10,000	13.9	12,500	17.4	49,500	68.8
	60	76,000	17,500	23.0	21,000	27.6	37,500	49.3
State		620,000	85,000	13.7	150,000	24.2	385,000	62.1
1991	10	96,000	17,000	17.7	23,000	24.0	56,000	58.3
	20	213,000	49,000	23.0	46,000	21.6	118,000	55.4
	30	70,000	15,000	21.4	11,500	16.4	43,500	62.1
	40	92,000	17,000	18.5	24,000	26.1	51,000	55.4
	50	74,000	15,500	20.9	11,000	14.9	47,500	64.2
	60	75,000	21,500	28.7	19,500	26.0	34,000	45.3
State		620,000	135,000	21.8	135,000	21.8	350,000	56.5

SORGHUM: DISTRICT ESTIMATES BY TILLAGE PRACTICE, 1990 AND 1991

Year	District	Total Acres Planted	No-Till		Other Conservation Tillage		Conventional Till	
			Acres	% of Total	Acres	% of Total	Acres	% of Total
1990	10	21,300	1,700	8.0	3,500	16.4	16,100	75.6
	20	30,500	1,100	3.6	4,600	15.1	24,800	81.3
	30	1,500	400	26.7	300	20.0	800	53.3
	40	3,400	700	20.6	700	20.6	2,000	58.8
	50	1,300	300	23.1	300	23.1	700	53.8
	60	2,000	300	15.0	600	30.0	1,100	55.0
State		60,000	4,500	7.5	10,000	16.7	45,500	75.8
1991	10	24,700	2,000	8.1	5,900	23.9	16,800	68.0
	20	37,500	1,700	4.5	6,300	16.8	29,500	78.7
	30	3,200	600	18.8	300	9.4	2,300	71.9
	40	4,200	900	21.4	1,000	23.8	2,300	54.8
	50	2,200	400	18.2	500	22.7	1,300	59.1
	60	3,200	400	12.5	1,000	31.3	1,800	56.3
State		75,000	6,000	8.0	15,000	20.0	54,000	72.0

PRICES PAID BY FARMERS FOR SELECTED FEEDS: APPALACHIAN REGION[1], 1988-1992

Year	January	April	July	October
		Dollars Per Cwt.		
		BRAN		
1988	9.30	9.40	10.00	10.30
1989	10.50	10.60	10.80	10.50
1990	10.80	11.30	11.10	10.40
1991	10.90	11.20	11.00	9.80
1992	**11.00**	**11.30**		
		MIDDLINGS		
1988	8.30	7.80	9.70	9.20
1989	9.40	9.50	8.30	7.90
1990	8.90	8.80	8.90	9.10
1991	9.10	9.00	9.10	7.80
1992	**9.30**	**9.20**		
		COTTONSEED MEAL (41% PROTEIN)		
1988	14.50	14.40	16.20	16.30
1989	16.00	15.70	15.30	11.80
1990	15.20	14.90	14.60	14.40
1991	14.50	14.00	13.90	12.20
1992	**13.10**	**13.50**		
		SOYBEAN MEAL (44% PROTEIN)		
1988	14.00	13.70	18.80	17.80
1989	17.60	16.60	15.40	13.70
1990	13.80	13.00	13.90	13.20
1991	12.50	12.90	13.20	12.30
1992	**13.30**	**13.30**		
		Dollars Per Ton		
		HOG FEED (14-18% PROTEIN)		
1988	212	205	247	243
1989	238	231	228	222
1990	220	219	228	223
1991	221	220	220	224
1992	**219**	**233**		
		DAIRY FEED (16% PROTEIN)		
1988	172	169	203	202
1989	197	196	186	182
1990	191	192	191	181
1991	181	185	178	172
1992	**185**	**183**		
		LAYING FEED		
1988	183	174	217	214
1989	215	203	198	219
1990	188	192	200	187
1991	185	187	178	227
1992	**202**	**200**		

[1] Appalachian Region includes Tennessee, Kentucky, North Carolina, Virginia, and West Virginia.

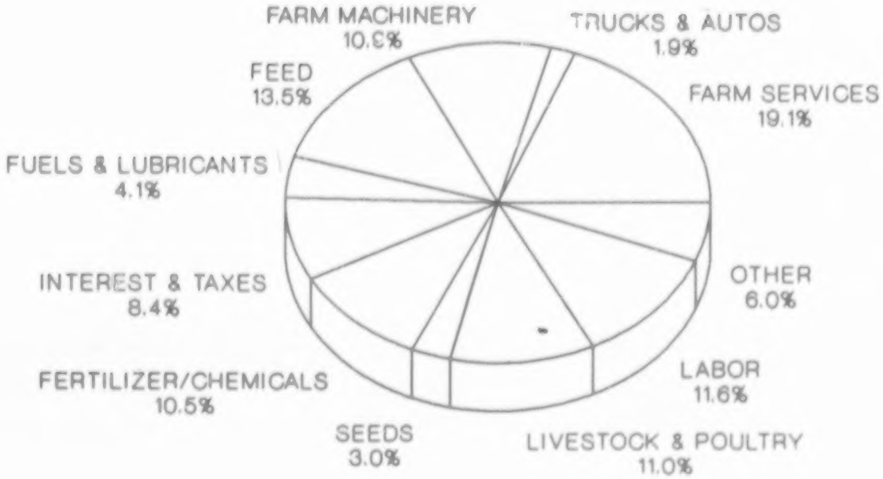
PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION: 1988-1991

Commodity and Unit	1988	1989	1990	1991
EAST SOUTH CENTRAL REGION[2]	Annual Average Price[1] Dollars Per Ton			
FERTILIZER AND PESTICIDE MATERIALS:				
Commercial Fertilizer,				
5-10-15	163.00	162.00	162.00	159.00
5-20-20	176.00	179.00	170.00	173.00
6-12-12	146.00	152.00	150.00	150.00
10-10-10	140.00	145.00	136.00	139.00
Superphosphate, 44-46% P_2O_5	224.00	219.00	201.00	214.00
Nitrate of Soda	225.00	221.00	228.00	241.00
Ammonium Nitrate	171.00	185.00	184.00	185.00
Urea, 44-46% N	183.00	189.00	190.00	210.00
Muriate of Potash, 60% K_2O	173.00	171.00	168.00	165.00
Limestone, spread on field	16.30	16.40	19.40	22.30

[1] Annual average prices are straight rather than weighted averages.

[2] East South Central Region includes Tennessee, Kentucky, Louisiana, Mississippi, and Alabama.

FARM PRODUCTION EXPENSES
APPALACHIAN REGION,[1] 1991



[1] Region includes Tennessee, Kentucky, North Carolina, Virginia, and West Virginia.

CROP PRODUCTION CASH COSTS AND RETURNS PER PLANTED ACRE, TENNESSEE, 1989[1]

Cotton		Soybeans	
Item	Dollars	Item	Dollars
Gross Value of Production		Gross Value of Production	
Cotton	314.46	Soybeans	136.65
Cottonseed	38.61	Total, Gross Value of Production	136.65
Total, Gross Value of Production	353.07		
Cash Expenses:		Cash Expenses:	
Seed	8.75	Seed	11.09
Fertilizer	45.00	Fertilizer	14.26
Chemicals	39.52	Lime and Gypsum	1.29
Custom Operations	7.81	Chemicals	20.01
Fuel, Lube, and Electricity	24.19	Custom Operations	4.62
Repairs	35.22	Fuel, Lube, and Electricity	7.96
Hired Labor	26.53	Repairs	8.92
Ginning	35.40	Hired Labor	2.23
Technical Services	1.83	Technical Services	0.01
Total, Variable Cash Expenses	224.25	Total, Variable Cash Expenses	70.39
General Farm Overhead	12.69	General Farm Overhead	13.06
Taxes and Insurance	13.86	Taxes and Insurance	7.89
Interest on Operating Loans	9.91	Interest on Operating Loans	5.27
Interest on Real Estate	19.98	Interest on Real Estate	6.68
Total, Fixed Cash Expenses	56.44	Total, Fixed Cash Expenses	32.90
Total, Cash Expenses	280.69	Total, Cash Expenses	103.29
Gross Value of Production Less Cash Expenses	72.38	Gross Value of Production Less Cash Expenses	33.36
Economic (Full Ownership) Costs:		Economic (Full Ownership) Costs:	
Variable Cash Expenses	224.25	Variable Cash Expenses	70.39
General Farm Overhead	12.69	General Farm Overhead	13.06
Taxes and Insurance	13.86	Taxes and Insurance	7.89
Capital Replacement	75.14	Capital Replacement	36.23
Operating Capital[2]	6.53	Operating Capital[2]	2.53
Other Nonland Capital[3]	16.33	Other Nonland Capital[3]	6.57
Land[4]	78.55	Land[4]	31.83
Unpaid Labor	23.73	Unpaid Labor	8.41
Total, Economic (Full Ownership) Costs	451.08	Total, Economic (Full Ownership) Costs	176.91
Residual Returns to Management and Risk[5]	-98.01	Residual Returns to Management and Risk[5]	-40.26
Harvest-Period Price (Dollars/Lb.)	0.64	Harvest-Period Price (Dollars/Bu.)	5.97
Yield (Lbs./Planted Acre)	491.35	Yield (Bu./Planted Acre)	22.89

[1] Includes both operator and landlord costs and returns. Excludes direct Government payments and program participation costs.
[2] Variable cash expenses multiplied by part of year used and by 6-month U.S. Treasury bill rate.
[3] Value of machinery and equipment multiplied by longrun real rate of return to production assets in the farm sector.
[4] Rental value based on composite share and cash rent.
[5] Gross value of production less total economic costs.

Source: "State-Level Costs of Production - Major Field Crops, 1987-89", USDA, Economic Research Service, May 1992.

CROP PRODUCTION CASH COSTS AND RETURNS PER PLANTED ACRE, SOUTHEAST, 1989[1]

Corn		Wheat	
Item	Dollars	Item	Dollars
Gross Value of Production		Gross Value of Production	
Corn	246.18	Wheat	124.60
Total, Gross Value of Production	246.18	Wheat Straw	1.58
		Total, Gross Value of Production	126.18
Cash Expenses:		Cash Expenses:	
Seed	21.41	Seed	12.18
Fertilizer	52.48	Fertilizer	34.83
Lime and Gypsum	3.24	Lime and Gypsum	.94
Chemicals	23.08	Chemicals	1.90
Custom Operations	6.24	Custom Operations	3.19
Fuel, Lube, and Electricity	10.58	Fuel, Lube, and Electricity	6.34
Repairs	11.88	Repairs	6.97
Hired Labor	10.15	Hired Labor	2.92
Drying	4.66	Technical Services	.01
Technical Services	.08	Total, Variable Cash Expenses	69.28
Total, Variable Cash Expenses	143.80		
General Farm Overhead	7.27	General Farm Overhead	9.11
Taxes and Insurance	9.50	Taxes and Insurance	8.43
Interest on Operating Loans	2.05	Interest on Operating Loans	4.17
Interest on Real Estate	6.20	Interest on Real Estate	5.40
Total, Fixed Cash Expenses	25.02	Total, Fixed Cash Expenses	27.11
Total, Cash Expenses	168.82	Total, Cash Expenses	96.39
Gross Value of Production Less Cash Expenses	77.36	Gross Value of Production Less Cash Expenses	29.79
Economic (Full Ownership) Costs:		Economic (Full Ownership) Costs:	
Variable Cash Expenses	143.80	Variable Cash Expenses	69.28
General Farm Overhead	7.27	General Farm Overhead	9.11
Taxes and Insurance	9.50	Taxes and Insurance	8.43
Capital Replacement	28.39	Capital Replacement	22.77
Operating Capital[2]	4.34	Operating Capital[2]	3.31
Other Nonland Capital[3]	6.94	Other Nonland Capital[3]	4.80
Land[4]	45.55	Land[4]	26.80
Unpaid Labor	21.30	Unpaid Labor	6.49
Total, Economic (Full Ownership) Costs	267.09	Total, Economic (Full Ownership) Costs	150.99
Residual Returns to Management and Risk[5]	-20.91	Residual Returns to Management and Risk[5]	-24.81
Harvest-Period Price (Dollars/Bu.)	2.44	Harvest-Period Price (Dollars/Bu.)	3.67
Yield (Bu./Planted Acre)	101.08	Yield (Bu./Planted Acre)	33.97

[1] Southeast region includes Tennessee, North Carolina, South Carolina, Alabama, Georgia, and Florida.

[2] Includes both operator and landlord costs and returns. Excludes direct Government payments and program participation costs.

[3] Variable cash expenses multiplied by part of year used and by 6-month U.S. Treasury bill rate.

[4] Value of machinery and equipment multiplied by longrun real rate of return to production assets in the farm sector.

[5] Rental value based on composite share and cash rent.

[6] Gross value of production less total economic costs.

Source: "Costs of Production - Major Field Crops, 1989", USDA, Economic Research Service, April 1991.

MEASURED ROW SPACING OF SOYBEANS: PERCENTAGE DISTRIBUTION AND AVERAGE WIDTH, TENNESSEE 1981-1991[1]

Year	Number of Samples	Row Width Groups (Inches)					Average Width[2]
		10.0 & Less[2]	10.1–18.5	18.6–28.5	28.6–34.5	34.6 & Greater	
		Percent of Plots					Inches
1981	79	18.4	10.1	11.4	10.8	49.3	30.0
1982	75	26.0	6.0	14.0	12.7	41.3	28.3
1983	83	21.7	12.7	7.2	27.1	31.3	28.6
1984	85	10.0	6.5	15.9	13.5	54.1	31.8
1985	85	15.3	6.5	8.8	21.8	47.6	31.6
1986	78	12.8	8.3	18.6	18.0	42.3	29.4
1987	90	10.1	10.6	18.4	12.9	48.0	29.3
1988	85	11.3	14.9	19.1	9.5	45.2	28.3
1989	86	9.9	13.9	18.6	15.7	41.9	28.3
1990[3]	---	---	---	---	---	---	---
1991[3]	—	—	—	—	—	—	—

[1] Based on row measurements in plots selected for objective yield samples.

[2] Broadcast soybeans included as 10.0 inches and less but excluded in computation of average width.

[3] Discontinued.

FERTILIZER USAGE: SOYBEANS AND COTTON, TENNESSEE, 1981-1991

Year	Acres Harvested	Fields in Survey	Acres Receiving				Rate Per Acre Receiving[1]			Acres Fertilized[2]		
			Any Fert.	N	P_2O_5	K_2O	N	P_2O_5	K_2O	At or Before Seeding Only	After Seeding Only	At or Before & After Seeding
	Thousand	Number	Percent				Pounds			Percent		
							Cotton					
1981[3]	305	---	---	---	---	---	---	---	---	---	---	---
1982	255	99	97.0	97.0	97.0	97.0	87.1	62.3	69.1	77.1	0	22.9
1983	215	99	100.0	100.0	100.0	100.0	91.0	65.0	71.0	58.0	0	42.0
1984	325	97	100.0	100.0	100.0	100.0	82.0	62.0	68.0	67.0	0	33.0
1985	335	100	100.0	99.0	97.0	94.0	78.0	61.0	67.0	82.0	5.0	13.0
1986	335	99	100.0	100.0	100.0	100.0	75.0	65.0	71.0	68.0	0	32.0
1987[3]	---	---	---	---	---	---	---	---	---	---	---	---
1988[3]	---	---	---	---	---	---	---	---	---	---	---	---
1989[3]	---	---	---	---	---	---	---	---	---	---	---	---
1990[3]	---	---	---	---	---	---	---	---	---	---	---	---
1991[3]	—	—	—	—	—	—	—	—	—	—	—	—
							Soybeans					
1981	2,350	79	69.6	43.0	65.8	69.6	14.0	41.9	59.6	98.2	1.8	0
1982	2,300	75	62.7	33.3	62.7	62.7	14.2	42.7	55.3	95.7	4.3	0
1983	1,970	85	67.0	38.0	65.0	67.0	20.0	48.0	60.0	100.0	0	0
1984	1,850	89	64.0	40.0	61.0	63.0	16.0	43.0	60.0	94.0	4.0	2.0
1985	1,460	87	66.0	33.0	59.0	66.0	19.0	45.0	63.0	100.0	0	0
1986	1,420	81	48.0	22.0	47.0	48.0	18.0	44.0	57.0	100.0	0	0
1987	1,250	96	49.0	20.0	43.0	48.0	20.0	53.0	66.0	100.0	0	0
1988	1,400	94	57.0	30.0	52.0	55.0	34.0	44.0	61.0	98.0	2.0	0
1989	1,480	88	52.0	22.0	45.0	51.0	21.0	43.0	61.0	100.0	0	0
1990	1,300	131	51.0	35.0	50.0	51.0	30.0	42.0	56.0	93.0	7.0	0
1991	1,100	175	55.0	27.0	51.0	53.0	25.0	44.0	58.0	100.0	0	0

[1] P_2O_5 is converted to P by multiplying by .43642; K_2O is converted to K by multiplying by .83016.

[2] Percentages apply to acres receiving fertilizer, not to total acres harvested.

[3] Discontinued.

FERTILIZER CONSUMPTION: TENNESSEE, 1946-1991

Year	Mixtures	Direct Application Materials	Total Fertilizer
	Tons		
1946	223,896	188,271	412,167
1947	275,280	142,842	418,122
1948	343,894	156,380	500,274
1949	353,585	145,463	499,048
1950	340,553	165,785	506,338
1951	389,069	159,236	548,305
1952	443,327	159,533	602,860
1953	417,609	162,302	579,911
1954	395,132	128,962	524,094
1955	409,546	122,265	531,811
1956	410,208	105,931	516,139
1957	423,602	121,511	545,113
1958	410,013	103,472	513,485
1959	476,761	124,440	601,201
1960	490,631	133,408	624,039
1961	470,113	154,744	624,857
1962	487,523	154,829	642,352
1963	496,617	162,957	659,574
1964	531,835	164,979	696,814
1965	542,094	134,988	677,082
1966	615,165	181,368	796,533
1967	615,693	206,101	821,794
1968	610,506	162,409	772,915
1969	623,385	202,016	825,401
1970	534,450	215,997	750,447
1971	516,897	229,075	745,972
1972	508,539	227,596	736,135
1973	505,645	260,846	766,491
1974	524,490	291,560	816,050
1975	420,406	271,230	691,636
1976	440,466	301,734	742,200
1977	497,970	361,097	859,067
1978	449,873	348,101	797,974
1979	435,262	346,292	781,554
1980	410,396	365,273	775,669
1981	431,764	454,371	886,135
1982	304,293	407,155	711,448
1983	278,360	390,177	668,537
1984	321,829	399,226	721,055
1985	313,598	423,635	737,233
1986	231,599	423,250	654,849
1987	154,787	632,551	787,338
1988	344,288	461,450	805,738
1989	291,782	468,623	760,405
1990	297,064	471,011	768,075
1991	**306,391**	**441,539**	**747,930**

SOURCE: Annual Fertilizer Tonnage Report, Tennessee Department of Agriculture, Division of Marketing.

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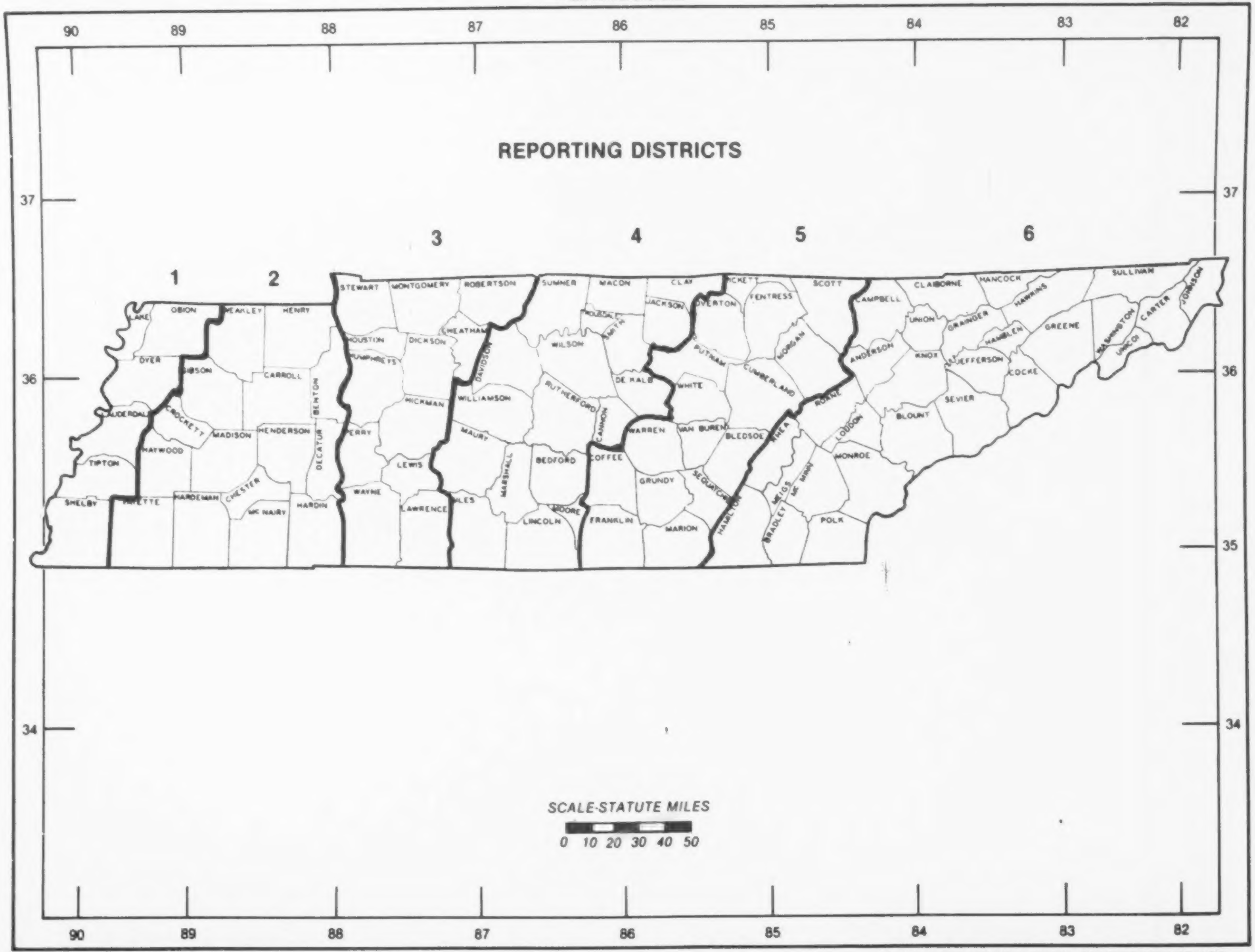
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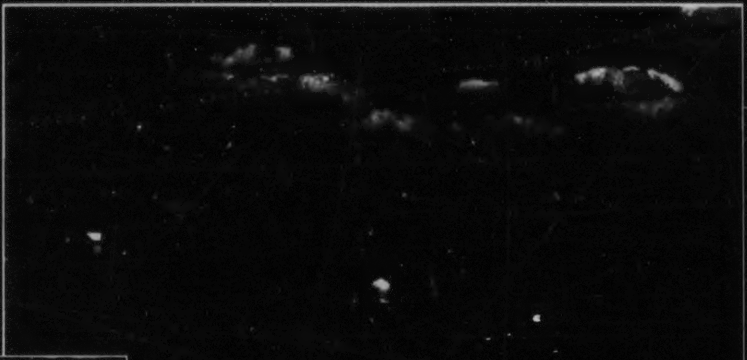

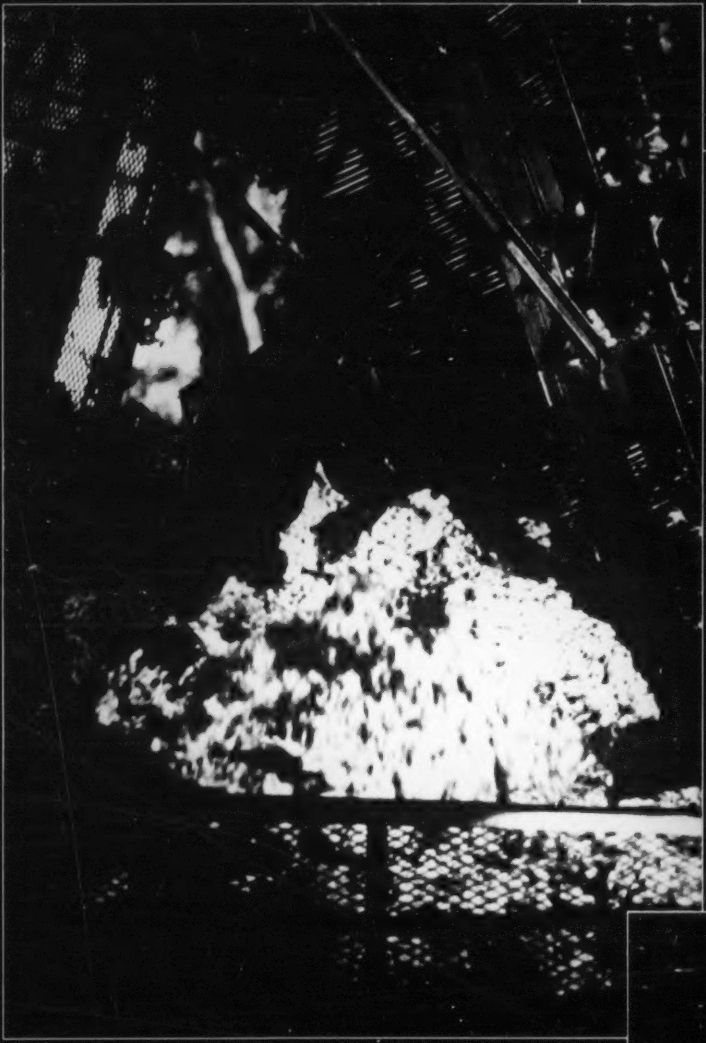

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